

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	(return refund) same (merchandise product item) same (server) same (POS (point adj of adj sale))	USPAT	OR	OFF	2007/06/26 11:56
S2	21365	(return refund) same (merchandise product item)	USPAT	OR	OFF	2007/06/27 10:26
S3	35401	(return refund) same (merchandise product item)	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:56
S4	26145	(return refund) same (merchandise product item.ab.)	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:56
S5	1092	(return refund) same (merchandise product item).ab.	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:58
S6	601	S5 and (@ad<"20001130").ad.	US-PGPUB; USPAT	OR	OFF	2007/06/26 11:58
S7	181	(return refund) near2 (merchandise product item).ab.	US-PGPUB; USPAT	OR	OFF	2007/06/27 08:38
S8	71	S7 and (@ad<"20001130").ad.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:34
S9	181	(return refund) near2 (merchandise product item).ab.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:34
S10	71	S9 and (@ad<"20001130").ad.	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:34
S11	110	S9 not S10	US-PGPUB; USPAT	OR	OFF	2007/06/26 14:35
S12	28	("20010037248"   "20020010689"   "20020019785"   "20020073170"   "20020138356"   "4958280"   "4967906"   "5042686"   "5178419"   "5257741"   "5533079"   "5628530"   "5712989"   "5737539"   "5803499"   "5823948"   "5898586"   "5961151"   "6003006"   "6018719"   "6021392"   "6047259"   "6055507"   "6056322"   "6208974"   "6249774"   "6536659"   "RE35743").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/26 15:02
S13	0	(return refund) near2 (merchandise product item) near3 (another different chain) near2 (store)	US-PGPUB; USPAT	OR	OFF	2007/06/27 08:40
S14	0	(return refund) near2 (merchandise product item) near3 (another different chain) near3 (store)	US-PGPUB; USPAT	OR	OFF	2007/06/27 09:10
S15	4	(return refund) near2 (merchandise product item) near5 (another different chain) near3 (store)	US-PGPUB; USPAT	OR	OFF	2007/06/27 08:40

# EAST Search History

S16	243	("20010000535"   "20010011680"   "20010025245"   "20010034609"   "20010042022"   "20010047223"   "20010047343"   "20020019811"   "20020029196"   "20020038165"   "20020046121"   "20020062249"   "20020077889"   "20020077890"   "20020077902"   "20020087413"   "20020091537"   "20020094111"   "20020111917"   "20020112177"   "20020116266"   "20020128851"   "20020148892"   "20020153414"   "20020161629"   "20020162031"   "20020173986"   "20020178063"   "20020194128"   "20020196963"   "20030006277"   "20030009382"   "20030009393"   "20030018522"   "20030018567"   "20030034876"   "20030046228"   "20030055727"   "20030067396"   "20030075287"   "20030076417"   "20030090473"   "20030105725"   "20030144956"   "20030150907"   "20030183689"   "20030187790"   "20030187796"   "20030191709"   "20030209599"   "20030216967"   "20030216987"   "20030222135"   "20030229539"   "20030229540"   "20030229790"   "20030236704"   "20040012481"   "20040020982"   "20040024672"   "20040039632"   "20040054587"   "20040083172"   "20040088232"   "20040088295"   "20040143505"   "20040155101"   "20040158524"   "20040192434"   "20040201520"   "20040215565"   "20040254840"   "20050010478"   "20050055582"   "20050144133"   "4230214"   "4359631"   "4553222"   "4716593"   "4879747"   "4915205"   "4995081"   "5042073"   "5086389"   "5144553"   "5274695"   "5280527"   "5289183"   "5335288"   "5351187"   "5352876"   "5386104"   "5412738"   "5450980"   "5453601"   "5455407"   "5483601"   "5485510"   "5523551"   "5546523").PN. OR ("5581630"   "5594806"   "5598474"   "5602933"   "5613012"   "5615217"   "5615277"   "5657389"   "5679938"   "5688974"   "5696739"   "5719950"   "5722526"   "5737439"   "5745598"   "5751973"   "5764789"   "5790674"   "5790785"   "5799092"   "5802199"   "5805082"   "5805719"   "5832464"   "5838812"   "5845256"   "5850447"   "5857070"   "5864673"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 09:08
7/24/2007 2:48:00 PM C:\Documents and Settings\mshadawat\My Documents\EAST\Workspaces\09976153sec.wsp					Page 2	

## EAST Search History

S17	1	"5189607".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 09:09
S18	0	(return refund) near2 (merchandise product item) near3 (another different chain) near3 (store location)	US-PGPUB; USPAT	OR	OFF	2007/06/27 09:11
S19	15	(return refund) near2 (merchandise product item) near3 (another different chain) near3 (store location)	US-PGPUB; USPAT	OR	ON	2007/06/27 09:14
S20	67	(return) near2 (merchandise product item) near3 (another different)	US-PGPUB; USPAT	OR	ON	2007/06/27 09:14
S21	21210	(return) same (merchandise product item)	USPAT	OR	OFF	2007/06/27 10:26
S22	5846	(return) same (merchandise item)	USPAT	OR	OFF	2007/06/27 10:26
S23	162	(return) same (merchandise item). ab.	USPAT	OR	OFF	2007/06/27 10:27
S24	41	(return) near3 (merchandise item). ab.	USPAT	OR	OFF	2007/06/27 10:29
S25	85376	(different another) near2 (location store)	USPAT	OR	ON	2007/06/27 10:30
S26	1535	(different another) near2 (location store) same (return)	USPAT	OR	ON	2007/06/27 10:30
S27	67	(different another) near2 (location store) near2 (return)	USPAT	OR	ON	2007/06/27 10:32
S28	111	(different another alternate) near2 (location store) near3 (return)	USPAT	OR	ON	2007/06/27 10:33
S29	133	(different another alternate) near3 (location store) near3 (return)	USPAT	OR	ON	2007/06/27 10:33
S30	66	S29 not S27	USPAT	OR	ON	2007/06/27 10:33
S31	22	S30 and (merchandise or item)	USPAT	OR	ON	2007/06/27 10:37
S32	0	(POS (point adj of adj Sale))same (return near2 (merchandise item product) near5 (different alternate another) near3 (location store))	USPAT	OR	ON	2007/06/27 10:40
S33	0	(POS (point adj of adj Sale))same (return near2 (merchandise item product) near5 (different alternate another) near3 (location store))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:40

## EAST Search History

S34	0	(POS (point adj of adj Sale)) same (return near2 (merchandise item product) near5 (different alternate another) near3 (location store))	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:40
S35	136	(POS (point adj of adj Sale)) same (return near2 (merchandise item product) )	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:54
S36	1325	(cancel near2 transaction)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:55
S37	40	(cancel near2 transaction).ab.	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 10:59
S38	79	(return refund exchange) near2 (merchandise item) near2 (store)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 11:00
S39	76	S38 not S23	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 11:00
S40	6	S39.ab.	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 14:38
S41	5	nintendo.as. and (merchandise same return)	US-PGPUB; USPAT; USOCR; EPO; IBM_TDB	OR	ON	2007/06/27 14:38

## EAST Search History

S42	84	("0789106"   "1330368"   "1393489"   "1476819"   "4312037"   "4414467"   "4458802"   "4563739"   "4598810"   "4668150"   "4734005"   "4750119"   "4789054"   "4803348"   "4812629"   "4814592"   "4839505"   "4858743"   "4866661"   "4871054"   "4884212"   "4893705"   "4896024"   "4903815"   "4967906"   "4984155"   "4997076"   "5007518"   "5020958"   "5028766"   "5042686"   "5133441"   "5139384"   "5143193"   "5159560"   "5216612"   "5256863"   "5257741"   "5273183"   "5311424"   "5375240"   "5478990"   "5520990"   "5521815"   "5537314"   "5541394"   "5602377"   "5671279"   "5712989"   "5721832"   "5737726"   "5745036"   "5799285"   "5804803"   "5857175"   "5895453"   "5913210"   "5918214"   "5950173"   "5968110"   "5984508"   "6014635"   "6016480"   "6029139"   "6029141"   "6039244"   "6049778"   "6055511"   "6064979"   "6085167"   "6105001"   "6115690"   "6119099"   "6119164"   "6125352"   "6134533"   "6148249"   "6154738"   "6219652"   "6222914").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 14:40
S43	18	S42 and ((merchandise item) same (return))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 14:41
S44	2	("6757663").URPN.	USPAT	OR	OFF	2007/06/27 14:46
S45	15	("6018719").URPN.	USPAT	OR	OFF	2007/06/27 14:47
S46	9	("4563739"   "5159560"   "5216612"   "5256863"   "5257741"   "5311424"   "5478890"   "5602377"   "5745036").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/27 14:49

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	("(return\$orrefund\$)same(POSor(po intadjofadsale))").PN.	USPAT; USOCR	OR	OFF	2007/02/13 12:13
S2	0	(return\$orrefund\$)same(POSor(poin tadjofadsale))	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:14
S3	2039	(return\$ or refund\$)same(POS or (point adj of adj sale))	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:14
S4	624	(return\$ or refund\$)same(POS or (point adj of adj sale)) with (register or terminal)	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:15
S5	653	(return\$ or refund\$)same(POS or (point adj of adj sale)) with (register\$ or terminal)	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:15
S6	1	(return\$ or refund\$)same(POS or (point adj of adj sale)) with (register\$ or terminal) same plurality .ab.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:15
S7	10	(return\$ or refund\$)same(POS or (point adj of adj sale)) with (register\$ or terminal) .ab.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:16
S8	115	(return\$ or refund\$)same(POS or (point adj of adj sale)) with (register\$ or terminal) .ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/13 12:19
S9	379	(705/21).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/13 12:20
S10	312	(705/21).ccls.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:20
S11	111	(705/21).cor.	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:20
S12	54	(705/21).cor.	USPAT	OR	OFF	2007/02/13 12:21

## EAST Search History

S13	31	("4033442"   "4412292"   "4432050"   "4468750"   "4598379"   "4884671"   "4888683"   "5023782"   "5119293"   "5119294"   "5243174"   "5255182"   "5274368"   "5282127"   "5377271"   "5477037"   "5479479"   "5500890"   "5526409"   "5608643"   "5631907"   "5663887"   "5678937"   "5742845"   "5768495"   "5787288"   "5790796"   "5984364"   "5997928"   "6015087"   "6293469").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/13 12:41
S14	3133069	(return returned returns refund) near\$3 (product purchase item shopping) same (cash register)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/13 12:43
S15	2268524	(return returned returns refund) near\$3 (product purchase item shopping) same (cash register)	US-PGPUB; USPAT	OR	OFF	2007/02/13 12:43
S16	1605926	(return returned returns refund) near\$3 (product purchase item shopping) same (cash register)	USPAT	OR	OFF	2007/02/13 12:43
S17	1600625	(return returned returns refund) near\$3 (product purchase item shopping) same (cash adj register)	USPAT	OR	OFF	2007/02/13 14:23
S18	0	"20050044069"	USPAT	OR	OFF	2007/02/13 14:24
S19	1	"20050044069"	US-PGPUB	OR	OFF	2007/02/13 14:26
S20	1	"20020111885"	US-PGPUB	OR	OFF	2007/02/13 14:28
S21	0	"6609106".pn.	US-PGPUB	OR	OFF	2007/02/13 14:28
S22	1	"6609106".pn.	USPAT	OR	OFF	2007/02/13 14:30
S23	8	"6611814"	USPAT	OR	OFF	2007/02/13 14:30
S24	1	"6611814".pn.	USPAT	OR	OFF	2007/02/14 08:25
S25	1	"6609106".pn.	USPAT	OR	OFF	2007/02/14 08:50
S26	8	"6493742"	USPAT	OR	OFF	2007/02/14 08:50
S27	1	"6493742".pn.	USPAT	OR	OFF	2007/02/14 10:53
S28	1	"5978774".pn.	USPAT	OR	OFF	2007/02/14 10:53
S29	0	(705/2122).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:04
S30	936	(705/21,22).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:19

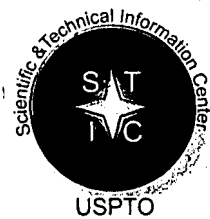
## EAST Search History

S31	197	S30 and ((return\$3 refund\$3 exchange) near5 (merchandise item product))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:07
S32	16	S31 and ((POS (point adj of adj sale) (cash adj register)) near3 (updat\$3 query send\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:08
S33	18	S31 and ((POS (point adj of adj sale) (cash adj register)) near5 (updat\$3 query send\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:08
S34	34	S31 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:13
S35	4	S31 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3) near5 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:13
S36	4	S31 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3) near10 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:13
S37	15	S30 and ((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3) near10 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:22
S38	254	((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3) near10 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:22
S39	39	S38 and ((return\$3 refund\$3 exchange) near5 (merchandise item product))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:22
S40	35	S39 not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:40



## EAST Search History

S41	607	(return refund) same (merchandise item) same (another different) same (chain near S38 store )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:42
S42	3	(return refund) same (merchandise item) same (another different) same (chain near S38 store ) and ((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3) near5 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 21:04
S43	11	(return refund) same (merchandise item) same (another different) same (chain near S38 store ) .ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:42
S44	2	"20020065727"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 20:48
S45	1	"20020065727"	US-PGPUB; USPAT	OR	ON	2007/07/16 21:06
S46	3	(return refund void cancel) same (merchandise item) same (another different) same (chain near S38 store ) and ((POS (point adj of adj sale) (cash adj register)) near10 (updat\$3 query send\$3) near5 server)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/16 21:05
S47	1	"20020019785"	US-PGPUB; USPAT	OR	ON	2007/07/16 21:06



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 215588

TO: Mussa Shaawat  
Location: KNX 05 D14  
Art Unit : 3627

From: Paul Obiniyi  
Location: EIC 3600  
KNX 04 C25  
Phone: 27734

Case Serial Number: 09976153

paul.obiniyi@uspto.gov

### Search Notes

Dear Examiner Shaawat,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul



# STIC EIC 3600 215588

## Fast & Focused Search Request

Today's Date: 11/13/2006 Class/Subclass: 705/1 What date would you like to use to limit the search? Priority Date: 11/30/2000 Other: \_\_\_\_\_

Name <u>Mussa Shauwan T</u>	Format for Search Results (Circle One):
AU <u>3627</u> Examiner # <u>80354</u>	<input checked="" type="radio"/> PAPER <input type="radio"/> DISK <input type="radio"/> EMAIL
Room # <u>5D20</u> Phone <u>2-2945</u>	Where have you searched so far?
Serial # <u>09/976-153</u>	<input checked="" type="radio"/> USP <input checked="" type="radio"/> DWPI <input checked="" type="radio"/> EPO <input checked="" type="radio"/> IPO <input type="radio"/> ACM <input checked="" type="radio"/> IBM TDB
	<input type="radio"/> IEEE <input type="radio"/> INSPEC <input type="radio"/> SPI <input type="radio"/> Other _____

A "Fast & Focused" Search is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC3600 and on the EIC3600 NPL Web Page at <http://ptoweb/patents/stic/stic-tc3600.htm>.

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Looking for prior to reject a claim regarding ~~a plurality of~~ plurality of terminals (e.g. cash ~~regard~~ register's) and a main server.

Key: if a refund is due one can query anyone of terminals to cancel ~~the~~ a transaction or apply a correction on a receipt,

STIC Searcher Paul Obinuyi Phone 27734  
Date picked up 02/13/07 Date Completed 02/14/07





# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact *the EIC searcher* or contact:

Karen Lehman, EIC 3600 Team Leader  
KNX 4A58, 571-271-3496

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



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Set      Items  Description
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S2       5490870 S (NODE? OR TERMINAL? OR COMPUTER? OR CLIENT? OR WORKSTATION?? OR
STATION?? )
S3       27045   S (POINT()OF ()SALE? ? OR POS OR (CASH OR SALE? ?) (3N)REGISTER? ?)
S4       130281  S (S1 OR S2) (7N) (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES
OR INQUIR???)
S5       1005    S S3 (7N) (MULTIPLE OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR MULTI OR
MORE (2W) ONE)
S6       18690   S (CANCEL??? OR STOP??? OR TERMINAT??? OR ABORT???) (7N) (ORDER? ? OR TRADE?
? OR TRADING OR TRANSACTION? ? OR PURCHAS???)
```

S7 5821 S (ADJUST? OR CHANG? OR MODIF? OR CORRECT?) (7N) (INVOICE? ? OR RECEIPT? ?  
 OR BILL? ?)  
 S8 1356 S S1 AND S3  
 S9 10 S S8 AND (S6 OR S7)  
 S10 10 RD (unique items)  
 S11 176 S S8 AND S4  
 S12 156 S S11 AND S2  
 S13 16 S S12 AND S5  
 S14 16 RD (unique items)

?

? t /3,k/all

10/3,K/1 (Item 1 from file: 347) [Links](#)

JAPIO

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07116994 **\*\*Image available\*\***

**NETWORK SYSTEM, ADVERTISEMENT INFORMATION RECEPTION/ INSERTION PROCESSING METHOD AND RECORDING MEDIUM WITH THE METHOD RECORDED THEREON**

**Pub. No.:** 2001-344662 [JP 2001344662 A ]

**Published:** December 14, 2001 (20011214)

**Inventor:** MINOWA MASAHIRO

**Applicant:** SEIKO EPSON CORP

**Application No.:** 2001-091338 [JP 200191338]

**Filed:** March 27, 2001 (20010327)

**Priority:** 2000-087280 [JP 200087280], JP (Japan), March 27, 2000 (20000327)

**ABSTRACT**

...recruiting, something to look for, announcement, cooperation request, etc., into a receipt issued from a **POS** terminal, a voucher issued from a kiosk terminal, a reception number table, etc., issued from... ..payment information of a cost for advertisement information are transmitted to a receiving and distributing **server** system for receiving and distributing the application advertising information and a **server** system calculates charging information in accordance with the received advertising information to transmit it to a client PC through the Internet. The **server** system confirms the completion of a paying procedure and then transmits the advertising information to a center computer, which distributes the received advertising information to plural store **POS** systems. Each of the **POS** systems receiving the advertising information prints the advertising information together with the **adjustment** information of purchased merchandise to the **receipt** to be issued in the **adjustment** processing of a customer.

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10/3,K/2 (Item 1 from file: 350) [Links](#)

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0016176917 *Drawing available*

WPI Acc no: 2006-708557/200673

XRPX Acc No: N2006-557730

**Financial transaction verification system, has processing server under control of financial services provider, where transaction processing client, server and telecommunications client are connected to telecommunications networks**

Patent Assignee: NARAINSAMY S (NARA-I)

Inventor: NARAINSAMY S; WEIDEMAN G P

Patent Family ( 1 patents, 111 countries )

Application

Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW
-------------------------------------	--

**Financial transaction verification system, has processing server under control of financial services provider, where transaction processing client, server and telecommunications client are connected to telecommunications networks**

**Alerting Abstract ...NOVELTY** - The system has a transaction processing **server** under a control of a financial services provider. A telecommunications client is provided under the control of a transaction initiator. A transaction processing client, the **server** and the telecommunications client all are connected to a set of telecommunications networks. The **server** is programmed to use the data pertaining to the initiator and the client previously stored...

**...ADVANTAGE** - The transaction processing client, programmable transaction processing **server** and the telecommunications client all are connected to the telecommunications networks, thus providing an authentication...

## **Original Publication Data by Authority**

### **Original Abstracts:**

The financial transaction verification system of this invention comprises a **POS** terminal that serves as a programmable transaction processing client, a bank **server** or **servers** that constitute a programmable transaction processing **server**; and a customer with a telephone, cell phone or other telecommunications appliance (a telecommunications client under the control of the transaction initiator). The **POS** terminal (transaction processing client) is connected to the bank **servers** (transaction processing **server**) by way of a PSTN. The telecommunications client is constituted by a customer cell phone or any other telecommunications appliance, which is connected to the bank **servers** (transaction processing **server**) by way of a GSM, GPRS or other wireless network (Wi-Fi or WiMax) or... .. programmed with a transaction authorisation code transmitted to the customer cell phone by the bank **server** by way of an SMS message. This process can be automated by programming the cell... .. to the user. A duplicate of the transaction authorisation code is stored in the bank **server** (transaction processing **server**) as the currently valid transaction authorisation code. The **POS** terminal (transaction processing client) is programmed, when in use a transaction is initiated and processed through the **POS** terminal to record transaction data, normally directly from the till of which the **POS** terminal forms a part or by way of keypad entries: In addition, the **POS** terminal is used to obtain customer account data, normally by swiping the customer's credit card through the magnetic stripe reader forming part of the **POS** terminal. The **POS** terminal (transaction processing client) transmits the recorded transaction data to the bank **server** (transaction processing **server**) by way of the PSTN to which it and the bank **server** are connected. The bank **server** (transaction processing **server**) uses the customer's bank account data to carry out the normal customer identification and available balance checks found in existing financial transaction verification systems. In addition, however, the bank **server** is programmed to formulate a transaction authorisation request to the **POS** terminal and to transmit the transaction authorisation request to the **POS** terminal by way of the PSTN. The **POS** terminal (transaction processing client) is programmed, as a precondition for the further processing of the... ..receipt of the transaction authorisation request, the entry of a transaction authorisation code into the **POS** terminal. The code that must be entered is the transaction authorisation code first programmed into ... ..PIN to access the secure memory are of the phone and then enter into the **POS** terminal by way of the terminal keypad.



Upon entry of the code the **POS** terminal is programmed to transmit the code so entered to the bank **server** by means of the PSTN. At the bank, the bank **server** (transaction processing **server**) compares the code transmitted to it by the **POS** terminal to the currently valid transaction authorisation code stored in the bank **server**. If a correct transaction authorisation code is received, the bank **server** issues a transaction processing notification to the **POS** terminal by way of the PSTN authorising the transaction to proceed. If an incorrect code is entered, the **transaction is aborted** and the bank **server** transmits a failed **transaction** notification to the **POS** terminal. At the same time the bank **server** transmits a new transaction authorisation code to the customer cell phone (telecommunications client) by way... GSM network and stores a duplicate of the new transaction authorisation code in the bank **server** as the currently valid transaction authorisation code. By the addition of a smart card or... transaction verification system of the invention can be adapted to accommodate situations in which the **POS** terminal (transaction processing client) fails, in use, to communicate with the bank **server** (transaction processing **server**), such as when the telephone lines of the PSTN are down or the bank **server** is down. The portable programmable logic device of preference is a smart card... Le systeme de verification de transactions financieres de l'invention comprend un terminal **POS** qui sert de client de traitement de transactions programmable, un serveur ou des serveurs bancaires... telecommunications (un client de telecommunications sous le controle de l'initiateur de transactions). Le terminal **POS** (client de traitement... de traitement de transactions) en tant que code d'autorisation de transaction valide. Le terminal **POS** (client de traitement de transactions) est programme, lorsqu'il est en cours d'utilisation, une transaction est initiee et traitee par le terminal **POS** afin d'enregistrer des donnees de transaction, normalement directement a partir du plateau dont le terminal **POS** fait partie ou au moyen d'entrees clavier. De plus, le terminal **POS** est utilise afin d'obtenir des donnees de compte client, normalement par glissement de la carte de credit du client dans le lecteur de bande magnetique faisant partie du terminal **POS**. Le terminal **POS** (client de traitement de transactions) transmet les donnees de transaction enregistrees au serveur bancaire (serveur... bancaire est programme afin de formuler une demande d'autorisation de transaction aupres du terminal **POS** et pour transmettre la demande d'autorisation de transaction au terminal **POS** au moyen du RTPC. Le terminal **POS** (client de traitement de transactions) est programme, condition prealable au traitement ulterieur de la transaction... autorisation de transaction, l'entree d'un code d'autorisation de transaction dans le terminal **POS**. Le code qui doit etre entre est le code d'autorisation de transaction programme en... acceder a la zone de memoire securisee du telephone puis pour entrer dans le terminal **POS** au moyen du clavier du terminal. Lors de l'entree du code, le terminal **POS** est programme pour transmettre le code ainsi entre au serveur bancaire au moyen du RTPC... systeme de traitement de transactions) compare le code qui lui est transmis par le terminal **POS** au code d'autorisation de transaction valide stocke dans le serveur bancaire. Si un code... est reçu, le serveur bancaire emit une notification de traitement de transaction vers le terminal **POS** au moyen du RTPC autorisant la poursuite de la transaction. Si un code incorrect est... transaction est avortee et le serveur bancaire transmet une notification de transaction echouee au terminal **POS**. Dans le meme temps, le serveur bancaire transmet un nouveau code d'autorisation de transaction... l'invention peut etre concu pour s'adapter a des situations dans lesquelles le terminal **POS** (client de traitement de transactions) ne parvient pas, lors de l'utilisation, a communiquer avec...

10/3,K/3 (Item 2 from file: 350) Links

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0015383293 *Drawing available*

WPI Acc no: 2005-727706/200575

XRPX Acc No: N2005-598641

**Printing system for point of sale system used in e.g. supermarket, has information providing server that generates advertising or sales promotion information if product information is provided in transaction information**

Patent Assignee: MINOWA M (MINO-I); SEIKO EPSON CORP (SHIH)

Inventor: MINOWA M

Patent Family ( 5 patents, 39 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1587039	A2	20051019	EP 20057804	A	20050408	200575	B
JP 2005301505	A	20051027	JP 2004114279	A	20040408	200575	E
JP 2005301506	A	20051027	JP 2004114280	A	20040408	200575	E
US 20050242178	A1	20051103	US 2005102049	A	20050408	200575	E
CN 1702695	A	20051130	CN 200510063887	A	20050408	200628	E

Priority Applications (no., kind, date): JP 2004114280 A 20040408; JP 2004114279 A 20040408

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
EP 1587039	A2	EN	33	16	
Regional Designated States,Original	AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU				
JP 2005301505	A	JA	22		
JP 2005301506	A	JA	25		

**Printing system for point of sale system used in e.g. supermarket, has information providing server that generates advertising or sales promotion information if product information is provided in transaction information**

**Original Titles:**

Drucksystem, POS-System, Verbindungsgerat und Prufverfahren fur ein Drucksystem... ..Printing system, POS system, connection device, and control method for a printing system... ..Systeme d'impression, systeme de POS, dispositif de connexion et procede de commande pour un systeme d'impression... ..PRINT SYSTEM, POS SYSTEM, CONNECTION DEVICE, AND METHOD FOR CONTROLLING POS SYSTEM... ..PRINT SYSTEM, POS SYSTEM, CONNECTION DEVICE, AND PRINTING CONTROL METHOD... ..Printing system, POS system, connection device, and control method and control program for printing system

**Alerting Abstract** ...printer (50) transmits transaction information received from computer (40), to print processor and information-providing server (70). The server analyzes transaction information, determines whether transaction

information contains product information to which advertizing or sales...

... point of sale (POS) system; **connection** device; printing system control method; and computer readable medium storing printing system control program... related to transaction process in POS system (claimed) used in e.g. supermarket.

... can be printed on issued receipt without changing point of sale application or modifying the **computer**.

... printing apparatus and information providing server.

### Technology Focus

INDUSTRIAL STANDARDS - The serial data communication between host interface and internet protocol **server** interface of printer conforms to RS-232C standard.

## Original Publication Data by Authority

### Original Abstracts:

Advertising or sales promotion information can be additionally printed on a receipt (61) without needing to change the POS application. **The POS system** (10) has a terminal computer (40) for generating first print data based on transaction information, an IP server (70) for generating **second** print data as the advertising or sales promotion information, and a printer (50) in which... 51) for connection to the terminal computer (40) and information-providing server (70) can be **installed**. The interface device (51) has a first print data processing unit (151) and a second... received from the terminal computer to the printer and information-providing server. The second print **data** processing unit (153) sends the second print data received from the information-providing server to the printer. **The** information-providing server generates the second **print** data by interpreting the first print data received from the interface device... be additionally printed on a sales receipt without changing the POS application of the **POS system**, which **includes a terminal** computer for generating **first** print (e.g., sales) data based on transaction information, a server for generating second print data comprising advertising or sales promotion information, and a printer in which an interface device for communication with the terminal computer and the server is installed. The interface device has a first **print** data processing unit and a second print data processing unit, the former of which passes... computer to both the printer and server. The server generates the second print data based on the **content** of the first print data, and then sends the second print data to the interface...

### Claims:

creating and printing the receipt (61);an information-providing server (70) for generating second print **data** containing advertising or sales promotion information for each transaction process according to the content of... providing server (70), anda second print data processing unit (153) for sending the second **print** data received from the information-providing server (70) to the print processing unit (60) for printing; and the information-providing server (70) **comprises-** a second print data generating unit (171) for analyzing the first print data received from **the** interface device (51), determining if the first print data contains product information for which advertising... promotion information stored in the information-providing server is relevant to the sales information of **the** first print data, and to selectively generate second print data containing relevant advertising or sales... information based on the analyze and determine operations; andan interface device in communication with **the** terminal computer and the information-providing server, the interface device being configured to receive the... the first print data received from the terminal computer to the print processing unit for **printing** and to the information-providing server for analysis, anda second print data processing unit... the print processing unit is configured to print a receipt based on the first print **data**, and also on the second print data if generated.

10/3,K/4 (Item 3 from file: 350) [Links](#)

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0014913821 *Drawing available*

WPI Acc no: 2005-261498/200527

XRFX Acc No: N2005-214727

**Personal retail tool e.g. key chain device for gasoline retail transaction, has non-volatile memory that stores software to display menu choices, and wireless transmitter having specified communication range**

Patent Assignee: KRAUSE R (KRAU-I)

Inventor: KRAUSE R

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050068190	A1	20050331	US 2003507804	P	20030930	200527	B
			US 2004949462	A	20040924		

Priority Applications (no., kind, date): US 2003507804 P 20030930; US 2004949462 A 20040924

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20050068190	A1	EN	20	13	Related to Provisional	US 2003507804

#### Original Titles:

Personal retail tool and server system

**Alerting Abstract** ... retail transactions at point-of-sale; and retail transaction server.

#### Original Publication Data by Authority

...

#### Original Abstracts:

small personal retail tool wirelessly connects to a wireless retail transaction server. The server sends **information** concerning the store's menu to the retail tool. The customer is then able to select from the menu and order using the personal retail tool. The retail server processes the order **and** requests payment from the retail tool. The retail tool then optionally requests a PIN number from the customer in order to access stored payment information. The order is completed and the connection is terminated. The retail server is designed to **appear** as a cash register to a **retailer's** back-end server. However, instead of **going** through a cashier, the retail server enables customers to **place**

orders and make payment on their own, without first waiting in line, without rushing and... .. place their order with a cashier can still use the retail server solely to pay for their purchases.

10/3,K/5 (Item 4 from file: 350) [Links](#)

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0014743931 *Drawing available*

WPI Acc no: 2005-091557/200510

XRPX Acc No: N2005-080012

**Financial transaction verification system e.g. for cheque-based transaction, has telecommunication client which processes request from server and outputs transaction authorization signal when correct authorization code is input**

Patent Assignee: NARAINSAMY S (NARA-I); RADIO SURVEILLANCE TECHNOLOGIES PTY LTD (RADI-N)

Inventor: NARAINSAMY A; NARAINSAMY A K; NARAINSAMY S; WRIGHT A; WRIGHT A G

Patent Family ( 5 patents, 107 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2005001670	A2	20050106	WO 2004ZA72	A	20040630	200510	B
ZA 200407928	A	20050831	ZA 20047928	A	20041001	200561	E
EP 1639535	A2	20060329	EP 2004757446	A	20040630	200623	E
			WO 2004ZA72	A	20040630		
AU 2004252925	A1	20050106	AU 2004252925	A	20040630	200656	E
ZA 200600333	A	20060830	ZA 2006333	A	20051214	200662	E

Priority Applications (no., kind, date): ZA 20035129 A 20030630; ZA 20036980 A 20030908; ZA 20038654 A 20031106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2005001670	A2	EN	43	11	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				

ZA 200407928	A	EN	18		
EP 1639535	A2	EN		PCT Application	WO 2004ZA72
				Based on OPI patent	WO 2005001670
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR				
AU 2004252925	A1	EN		Based on OPI patent	WO 2005001670
ZA 200600333	A	EN	51		

...  
**verification system e.g. for cheque-based transaction, has telecommunication client which processes request from server and outputs transaction authorization signal when correct authorization code is input**

**Alerting Abstract** ...initiated transaction, and financial account of initiator with respect to service provider, for transmission to **server**. The **server** generates authorization request based on received data, and transmits it to telecommunication client. The telecommunication...

... transaction processing client; transaction processing server; telecommunication server; telecommunication **client**; financial transaction verification **method**; and transaction processing server operating method.

... sale (POS) terminal such as automatic teller machine connected to public subscriber telephone network (PSTN) and global system for mobile communication (GSM) network, using personal communication device such as mobile telephone

## Original Publication Data by Authority

### Original Abstracts:

the transaction is initiated (on a primary data channel), using a POS terminal as a **transaction** processing client. The transaction processing server and financial services **provider** fulfill their normal functions. At this point, the process loops into a transaction authorisation component... .. authorisation of the transaction. If the card holder is not the transaction initiator, the card **holder** can cancel the transaction. If **the transaction can** be authorised, **an** authentication process is initiated in which the mobile phone is programmed to require the entry... .. a primary data channel), using a POS terminal as a transaction processing client. The transaction **processing** server and financial services provider fulfill their normal functions. **At** this point, the process loops into a transaction authorisation component using the parallel data channel... .. the card holder is not the transaction initiator, the card holder can cancel the transaction. **If** the transaction can be authorised, **an authentication process** is initiated **in** which the mobile phone is programmed to require the entry of a normally secret code... .. terminal POS, en tant que client pour le traitement de la transaction. Le serveur de **traitement** de transaction et le fournisseur de services financiers remplissent leurs fonctions normales. A ce stade...

0013811353 *Drawing available*

WPI Acc no: 2003-301320/

XRPX Acc No: N2003-239689

**Credit card permission control for mobile telephone comprises distribution server, service and logging databases, validation unit, telephone identifier extraction and connection to existing payment service**

Patent Assignee: BLUEGRID AB (BLUE-N)

Inventor: FALK S; HEDMAN M; KJELLMAN C; WAHLSTROEM P; WAHLSTROM P

Patent Family ( 6 patents, 100 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003025818	A1	20030327	WO 2002SE1680	A	20020916	200329	B
SE 200103094	A	20030319	SE 20013094	A	20010918	200337	E
SE 521037	C2	20030923	SE 20013094	A	20010918	200364	E
EP 1436744	A1	20040714	EP 2002770360	A	20020916	200446	E
			WO 2002SE1680	A	20020916		
AU 2002335600	A1	20030401	AU 2002335600	A	20020916	200452	E
US 20050021787	A1	20050127	WO 2002SE1680	A	20020916	200509	E
			US 2004494763	A	20040505		

Priority Applications (no., kind, date): SE 20013094 A 20010918

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003025818	A1	EN	26	5		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
SE 200103094	A	SV				
SE 521037	C2	SV				
EP 1436744	A1	EN			PCT Application	WO 2002SE1680
					Based on OPI patent	WO 2003025818
Regional Designated States,Original	AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR					
AU 2002335600	A1	EN			Based on OPI patent	WO 2003025818
US 20050021787	A1	EN			PCT Application	WO 2002SE1680

**Credit card permission control for mobile telephone comprises distribution server, service and logging databases, validation unit, telephone identifier extraction and connection to existing payment service**

**Alerting Abstract** ...NOVELTY - A distribution server (30) distributes electronic documents comprising information from service (1) and logging (2) databases to a...

...a web browser, computer telephone integration (CTI), call center or Customer Relation Management (CRM). The server communicates with the mobile telephone via short message service (SMS), multimedia message service (MMS), or electronic mail. Output devices include **cash registers**, monitors, touch screens and printers... ..user. Companies issuing season traveller cards have better control over who is using the cards. **Invoices** can be more precise and **correctly** addressed... ..30 Distribution server

## **Original Publication Data by Authority**

...

### **Original Abstracts:**

issuer means (20) of the system. The system comprises a distribution server (30), adapted to **distribute** electronic documents from the issuer to users of the system. The server (30) is adapted **for** communication with the issuer means (20) and a communication terminal (40). Moreover the system... .. location (1, 2,), accessible from the issuer means (20), the distribution server (30) and a **validation** unit (70), arranged for storage of data relating to the permission control. The validation... .. device. The system includes a distribution server, adapted to distribute electronic documents from the issuer to users. The server communicates with the issuer device and a communication **terminal**. The system comprises at least one persistent memory location, accessible from the issuer device, the distribution server and a validation unit, arranged for storage of **data** relating to the permission control. The validation unit is arranged between the communication terminal and... .. distribution server (30), adapted to distribute electronic documents from the issuer to users of the **system**. The server (30) is adapted for communication with the issuer means (20) and a communication **terminal** (40). Moreover the system comprises at least one persistent memory location (1, 2,), accessible... .. distribution server (30) and a **validation** unit (70), arranged for storage of data relating to the permission control. The validation unit (70) is arranged between the communication terminal (40) and...

...

### **Claims:**

**20**); a distribution server (**30**) adapted to distribute electronic documents comprising permission data, relating to **user** services, to a communication terminal (**40**); a persistent first memory location (**1**) for storing permission...

10/3,K/7 (Item 6 from file: 350) **Links**

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0013475815 *Drawing available*

WPI Acc no: 2003-567607/

XRPX Acc No: N2003-451271



**Privilege point managing method for restaurants, involves inputting personal information of user and receipt identification, privilege point information and changing it according to receipt privilege information**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: IMAJIMA Y; IMASHIMA Y; KODAKA T; ODAKA T

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030088521	A1	20030508	US 200295564	A	20020313	200353	B
JP 2003141405	A	20030516	JP 2001340393	A	20011106	200353	E

Priority Applications (no., kind, date): JP 2001340393 A 20011106

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030088521	A1	EN	36	23	
JP 2003141405	A	JA	24		

**Privilege point managing method for restaurants, involves inputting personal information of user and receipt identification, privilege point information and changing it according to receipt privilege information**

...input and receipt ID information, privilege point information is obtained. The user privilege information is **changed** according to the receipt privilege information.

## Original Publication Data by Authority

...

### Original Abstracts:

input from a user terminal apparatus and sent to a point server through a network. **The** point server request sales informing **in** the store from the POS server based on **the received** receipt ID information. The POS server receives the **sales informing** from the store, and accumulates privilege point information. The POS server sends the **privilege point** information in accordance with a request from the point server. The point server **adds** (totalizes) the **received** privilege point information to the currently accumulated privilege points of the user.

...

### Claims:

the input receipt ID information; and changing the privilege point information of the user based **on** the privilege point information of **the** receipt.

10/3,K/8 (Item 7 from file: 350) [Links](#)  
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0013131871 *Drawing available*  
WPI Acc no: 2003-214106/  
XRPX Acc No: N2003-170759

**Receipt data output control device controls transmission of electronic receipt to electronic receipt receiver,  
transmission of data to printing device and transceiving of data with respect to host computer**

Patent Assignee: SEIKO EPSON CORP (SHIH)

Inventor: KIMURA T; NOBETANI T

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002312853	A	20021025	JP 2001111804	A	20010410	200321	B

Priority Applications (no., kind, date): JP 2001111804 A 20010410

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002312853	A	JA	14	9	

**Alerting Abstract ... printer and point-of-sales (POS) terminal.**

... of electronic receipt in the POS terminal is performed without increasing charge and changing the system entirely. Storage of the electronic receipt data in the server is eliminated.

10/3,K/9 (Item 8 from file: 350) [Links](#)  
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0012696122 *Drawing available*  
WPI Acc no: 2002-547127/  
XRPX Acc No: N2002-433160

**Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from  
other point-of-sales terminal to point-of-sales terminal performing transaction**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ENOKI E; ENOKI S; MAKIYA A; MAKIYA J

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020065727	A1	20020530	US 2001976153	A	20011015	200258	B
JP 2002230649	A	20020816	JP 2001115975	A	20010413	200269	E

Priority Applications (no., kind, date): JP 2000365866 A 20001130; JP 2001115975 A 20010413

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020065727	A1	EN	20	12	
JP 2002230649	A	JA	11		

**Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction**

**Original Titles:**

POS SYSTEM... ..POS system

**Alerting Abstract ...NOVELTY** - Point-of-sales (POS) terminal executes **transaction cancel** instruction received from the store **server** to **cancel** a **transaction** performed by the POS terminal. Store **server** transmits the **transaction cancel** instruction received from a POS terminal other than the POS terminal performing transaction to the POS terminal performing transaction.

...ADVANTAGE - Allows correction or cancellation of the transactions from any POS terminal other than the POS terminal performing **transaction**. Allows **transaction** data to be **canceled** or corrected by correcting only necessary product data items without having to **cancel** the entire data concerning that **transaction**. Eliminates the need to re-enter the corrected transaction data after the cancellation of the... ..DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the configuration of the POS terminal.

**Original Publication Data by Authority**

**Original Abstracts:**

The POS system of the **present** invention comprises at least one store server and a plurality of POS terminals. Each POS **terminal** includes means for transmitting transaction data to the store server as a transaction **occurs** at the POS terminal, means for **querying** the store server for transaction data **relating** to a transaction that occurred at another POS terminal, means for **instructing** the store server to cancel the **transaction** that **occurred** at **that** other POS terminal, and means for executing a transaction cancel instruction received **from the** store server to cancel a **transaction** that **occurred** at the POS terminal, and the store server includes means for **receiving** a transaction cancel instruction from a POS terminal other than the POS terminal at which the transaction occurred, and for **transferring** the transaction cancel instruction to the POS terminal at which the transaction occurred. With this

configuration, the POS system allows any **transaction**, including a sales transaction, originally registered at any POS terminal, to be **canceled** through any other POS terminal in the **POS** system. It is **also** possible to correct transaction data without canceling **the** entire transaction. As a result, **transaction** data can be **readily** corrected when an operator's input error is found or when a purchased product is returned by a customer, and an easy-to-operate POS system can thus be provided.

#### Claims:

**1.** A POS system comprising at least one store server and a plurality of POS terminals as clients to said store server, wherein each of said plurality of POS terminals includes means for transmitting **transaction** data to said store server as a transaction occurs at said each POS terminal, means for querying said store server for transaction data relating to a transaction that occurred at another POS terminal, means for instructing said store server to cancel the transaction that occurred at said other POS terminal, and means for executing a transaction cancel instruction received from said store server to cancel a transaction that occurred at said each POS terminal, and said store server includes means for receiving a transaction cancel instruction from a POS terminal other than the POS terminal at which said transaction occurred, and for transferring said transaction cancel instruction to said POS terminal at which said transaction occurred.

10/3,K/10 (Item 9 from file: 350) [Links](#)

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0012255423 *Drawing available*

WPI Acc no: 2002-195473/200225

XRFX Acc No: N2002-148551

**Virtual safe transaction server for electronic commerce over Internet, receives commands from emulator for performing transactions over networking using records in virtual smart card database**

Patent Assignee: CYBERUN CANADA CORP (CYBE-N); SARCANIN B (SARC-I)

Inventor: SARCANIN B

Patent Family ( 8 patents, 94 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001080190	A1	20011025	WO 2001CA504	A	20010417	200225	B
AU 200148198	A	20011030	AU 200148198	A	20010417	200225	E
CA 2305249	A1	20011014	CA 2305249	A	20000414	200225	E
EP 1272987	A1	20030108	EP 2001921084	A	20010417	200311	E
			WO 2001CA504	A	20010417		
US 20030145205	A1	20030731	WO 2001CA504	A	20010417	200354	E
			US 2002269033	A	20021011		
JP 2003531447	W	20031021	JP 2001577310	A	20010417	200373	E
			WO 2001CA504	A	20010417		
US 6941285	B2	20050906	WO 2001CA504	A	20010417	200558	E
			US 2002269033	A	20021011		

US 20050246292	A1	20051103	WO 2001CA504	A	20010417	200573	E
			US 2002269033	A	20021011		
			US 2005175767	A	20050706		

Priority Applications (no., kind, date): CA 2305249 A 20000414

#### Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes		
WO 2001080190	A1	EN	221	31			
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW						
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW						
AU 200148198	A	EN			Based on OPI patent	WO 2001080190	
CA 2305249	A1	EN					
EP 1272987	A1	EN			PCT Application	WO 2001CA504	
					Based on OPI patent	WO 2001080190	
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR						
US 20030145205	A1	EN			Continuation of application	WO 2001CA504	
JP 2003531447	W	JA	311		PCT Application	WO 2001CA504	
					Based on OPI patent	WO 2001080190	
US 6941285	B2	EN			Continuation of application	WO 2001CA504	
US 20050246292	A1	EN			Continuation of application	WO 2001CA504	
					Continuation of application	US 2002269033	
					Continuation of patent	US 6941285	

Virtual safe transaction server for electronic commerce over Internet, receives commands from emulator for performing transactions over networking using...

#### Original Publication Data by Authority

#### Original Abstracts:

A transaction server for performing a **transaction** over a network using a virtual smart card the server comprising, a virtual **smart card** database having a plurality of records each record including a virtual card identification and... ..

A transaction server for performing a transaction over a network using a virtual smart card the server comprising, a virtual smart card database having a **plurality** of records each record including a virtual card identification and a

? t /3,k/all

14/3,K/1 (Item 1 from file: 347) [Links](#)

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07241194 \*\*Image available\*\*

**POS SYSTEM, POS SERVER, SALES MANAGEMENT METHOD AND RECORDING MEDIUM**

**Pub. No.:** 2002-109645 [JP 2002109645 A ]

**Published:** April 12, 2002 (20020412)

**Inventor:** YAMADA TOKUHIRO

**Applicant:** VISUAL JAPAN INC

**Application No.:** 2000-295390 [JP 2000295390]

**Filed:** September 28, 2000 (20000928)

**POS SYSTEM, POS SERVER, SALES MANAGEMENT METHOD AND RECORDING MEDIUM**

#### **ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a POS server, capable of immediately responding to a request from a store terminal.

**SOLUTION:** This POS server 100 for administrating plural store terminals arranged in plural stores is provided with a first and a second administration devices for housing the business information, showing that a merchandise business is performed in a first store terminal 300a among the plural store terminals, while receiving the business information from the first store terminal 300a and for informing the first store terminal that the business information has been received.

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14/3,K/2 (Item 2 from file: 347) [Links](#)

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07001485 \*\*Image available\*\*

**DISTRIBUTION PROCESSING SYSTEM AND CLIENT**

**Pub. No.:** 2001-229097 [JP 2001229097 A ]

**Published:** August 24, 2001 (20010824)

**Inventor:** FUJITA SHIGERU

**Applicant:** FUJITSU LTD

**Application No.:** 2000-041111 [JP 200041111]

**Filed:** February 18, 2000 (20000218)

**DISTRIBUTION PROCESSING SYSTEM AND CLIENT**

#### **ABSTRACT**

...where trouble such as down in a whole system does not occur even when a server goes down without using server multiplexing technique and also to provide a client to be used for the system.

**SOLUTION:** The system is provided with a server function for performing a processing in fat clients 10a and 11a among a plurality of POS clients 10a, 10b, 10c, ... and 11a, 11b, 11c, ... which are serially connected to constitute the system in accordance with the requests of thin clients 10b, 10c,..., 11b, 11c, ...and for outputting the processing result to the thin clients which make the requests. They are independently operated.

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14/3,K/3 (Item 3 from file: 347) [Links](#)

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06907319 \*\*Image available\*\*

**STORE CONTROLLER**

**Pub. No.:** 2001-134844 [JP 2001134844 A ]

**Published:** May 18, 2001 (20010518)

**Inventor:** SAKAI RYUICHI

**Applicant:** TOSHIBA TEC CORP

**Application No.:** 2000-245727 [JP 2000245727]

**Filed:** August 14, 2000 (20000814)

**Priority:** 11-240012 [JP 99240012], JP (Japan), August 26, 1999 (19990826)

#### **ABSTRACT**

...processing.

**SOLUTION:** This store controller is provided with a memory part 12 for holding a POS data file composed of plural records, a web server 16 for providing a web page for accepting a file updating request to plural POS job terminals 30, and a file managing part 14 for managing the data file stored in the memory part 12. Especially, the file managing part 14 investigates the POS data file concerning a record specified from the updating request transmitted from each of POS job terminals 30 through the web page and received by the web server 16, updates the POS data file concerning this specified record when it is confirmed this specified record is not...

14/3,K/4 (Item 4 from file: 347) [Links](#)

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06192719 \*\*Image available\*\*

**INFORMATION PROCESSING SYSTEM**

**Pub. No.:** 11-134270 [JP 11134270 A ]

**Published:** May 21, 1999 (19990521)

**Inventor:** KURODA MITSUHIRO

**Applicant:** TOSHIBA TEC CORP  
**Application No.:** 09-297040 [JP 97297040]  
**Filed:** October 29, 1997 (19971029)

## ABSTRACT

**PROBLEM TO BE SOLVED:** To actualize a backup function for a **server computer** trouble without letting a user feel the burden of cost by requesting a controller to perform various operations if a **client computer** confirms that a fault has occurred to a **server computer**.

**SOLUTION:** A personal **computer** 6 has a function for determining whether or not a fault has occurred to a store **computer** 5. When it is confirmed that there is no fault, requests to perform various operations are sent to the store **computer** 5 through a communication line 4, but if fault occurrence is confirmed, a **POS** controller 2 is requested directly to perform the various operations through the communication line 4. Thus, even if the store **computer** 5 is shut down owing to some fault, the personal **computer** 6 is able to send the execution **request** commands for the **various** operations directly to the **POS** controller 2, which performs the **various** operations, thereby minimizing the influence on the store.

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14/3,K/5 (Item 1. from file: 350) [Links](#)  
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0015824381 *Drawing available*  
WPI Acc no: 2006-380249/200639  
XRPX Acc No: N2006-320153

**On-demand Java resource provision method for point-of-sale printer, involves controlling several POS printers to provide resources to requested printer in off-line mode, if requested printer does not communicates with controller**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)  
Inventor: CHIRAKANSACKCHAROEN M; PROROCK T J

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060112379	A1	20060525	US 2004987837	A	20041112	200639	B

Priority Applications (no., kind, date): US 2004987837 A 20041112.

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20060112379	A1	EN	12	4	



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0014200781 *Drawing available*

WPI Acc no: 2004-386370/

**Method for offering advertisement and drawing lottery by using web pos system**

Patent Assignee: SONG C H (SONG-I)

Inventor: SONG C H

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2004008578	A	20040131	KR 200242235	A	20020718	200436	B

Priority Applications (no., kind, date): KR 200242235 A 20020718

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2004008578	A	KO	1	10	

**Method for offering advertisement and drawing lottery by using web pos system**

**Alerting Abstract** ...NOVELTY - An advertisement service and lottery drawing method is provided to distribute multi-functional web POS(Point Of Sales) systems to stores and to enable the stores to offer advertisement or ...

**DESCRIPTION** - The method comprises several steps. A **client** accesses an IO management module of a web **server** by using a web POS system (ST11). The web **server** certifies the accessing **client**, offers advertisement stored at a database (ST13), and records sale and buying data after recognizing a store ID if sale or purchase data is input (ST14-ST16). The web **server** receives an instant type gift event participation **request** from a purchaser at a point of a sale (ST17), and transmits a gift event result to the purchaser (ST23, ST24). The web **server** also receives a lottery event participation **request** from the purchaser, and transmits the lottery result to the purchaser(ST18-ST22).

**Title Terms** .../Index Terms/Additional Words: POS;

14/3,K/7 (Item 3 from file: 350) [Links](#)

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0012696122 *Drawing available*

WPI Acc no: 2002-547127/

XRPX Acc No: N2002-433160

**Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ENOKI E; ENOKI S; MAKIYA A; MAKIYA J

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020065727	A1	20020530	US 2001976153	A	20011015	200258	B
JP 2002230649	A	20020816	JP 2001115975	A	20010413	200269	E

Priority Applications (no., kind, date): JP 2000365866 A 20001130; JP 2001115975 A 20010413

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020065727	A1	EN	20	12	
JP 2002230649	A	JA	11		

**Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction**

**Original Titles:**

POS SYSTEM... ..POS system

**Alerting Abstract ...NOVELTY** - Point-of-sales (POS) terminal executes transaction cancel instruction received from the store server to cancel a transaction performed by the POS terminal. Store server transmits the transaction cancel instruction received from a POS terminal other than the POS terminal performing transaction to the POS terminal performing transaction.

**DESCRIPTION** - An INDEPENDENT CLAIM is included for point-of-sales terminal.

... ..**ADVANTAGE** - Allows correction or cancellation of the transactions from any POS terminal other than the POS terminal performing transaction. Allows transaction data to be canceled or corrected by correcting only necessary product... ..**DESCRIPTION OF DRAWINGS** - The figure shows the block diagram of the configuration of the POS terminal.

**Title Terms .../Index Terms/Additional Words:** TERMINAL;

## **Original Publication Data by Authority**

### **Original Abstracts:**

The POS system of the present invention comprises at least one store server and a plurality of POS terminals. Each POS terminal includes means for transmitting transaction data to the store server as a transaction occurs at the POS terminal, means for querying the store server for transaction data relating to a transaction that occurred at

another POS terminal, means for **instructing the** store server to cancel the **transaction** that occurred at that other POS terminal, and means for **executing** a transaction cancel instruction received from the store server to cancel a **transaction** that occurred at the POS terminal, and the **store server** includes means for **receiving** a transaction cancel instruction from a POS terminal other than **the POS** terminal at which **the transaction** occurred, and for transferring the transaction cancel instruction to the POS terminal at which **the transaction** occurred. With this configuration, the POS system allows any **transaction**, including a sales transaction, originally registered at any POS terminal, to be **canceled through** any other POS terminal in the **POS system**. It is **also** possible to correct transaction data without canceling the entire transaction. As a result, transaction data... .. product is returned by a customer, and an easy-to-operate POS system can thus **be** provided.

#### Claims:

1. A POS system comprising at **least** one store server and a plurality of POS terminals as clients to said store server, wherein each of said plurality of POS terminals includes means for transmitting **transaction data** to said store server as a transaction occurs at said each POS terminal, means for querying said **store server** for transaction **data** relating to a transaction that occurred at another POS terminal, means for instructing said **store server** to cancel the transaction that **occurred** at said other POS terminal, and means for executing a **transaction cancel** instruction received from said store server to cancel a transaction that **occurred** at said each POS terminal, and said store server **includes means** for receiving a transaction cancel **instruction** from a POS terminal other than the POS terminal at **which said** transaction occurred, and **for transferring** said transaction cancel instruction to said POS terminal at which said transaction occurred.

14/3,K/8 (Item 4 from file: 350) [Links](#)

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0012644660 *Drawing available*

WPI Acc no: 2002-494004/200253

XRPX Acc No: N2002-390642

**Point-of-sale information management server for shops, outputs receiving notification of goods transaction information to store terminal**

Patent Assignee: VISUAL JAPAN KK (VISU-N); YAMADA T (YAMA-I)

Inventor: YAMADA T

Patent Family ( 4 patents, 24 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109645	A	20020412	JP 2000295390	A	20000928	200253	B
WO 2003038775	A1	20030508	WO 2001JP9601	A	20011101	200340	NCE
EP 1450325	A1	20040825	EP 2001982728	A	20011101	200456	NCE
			WO 2001JP9601	A	20011101		
US 20050038705	A1	20050217	WO 2001JP9601	A	20011101	200514	NCE
			US 2004494319	A	20040430		

Priority Applications (no., kind, date): US 2004494319 A 20040430; EP 2001982728 A 20011101; WO 2001JP9601 A 20011101; JP 2000295390 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2002109645	A	JA	27	20		
WO 2003038775	A1	JA				
National Designated States,Original	CN KR US					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					
EP 1450325	A1	EN			PCT Application	WO 2001JP9601
					Based on OPI patent	WO 2003038775
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
US 20050038705	A1	EN			PCT Application	WO 2001JP9601

**Point-of-sale information management server for shops, outputs receiving notification of goods transaction information to store terminal**

**Original Titles:**

**POS-SYSTEM, POS-SERVER, SHOP-ENDGERAT, VERKAUFSVERWALTUNGSVERFAHREN UND AUFZEICHNUNGSMEDIUM... POS SYSTEM, POS SERVER, SHOP TERMINAL, SALES MANAGING METHOD, AND RECORDING MEDIUM... SYSTEME ET SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT... POS SYSTEM, POS SERVER, SALES MANAGEMENT METHOD AND RECORDING MEDIUM... Pos system, pos server, shop terminal, sales managing method, and recording medium... POS SYSTEM, POS SERVER, SHOP TERMINAL, SALES MANAGING METHOD, AND RECORDING MEDIUM... SYSTEME ET SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT**

**Alerting Abstract** ...NOVELTY - The management devices (210a,210b) respectively receive the goods transaction information from a store **terminal** (300a) and outputs receiving notification to the store **terminal**.

... Point-of-sales (POS) system; **Selling** management method; and Recorded medium storing selling management program... ADVANTAGE - Demand from the store terminal is immediately responded by the POS server.

... The figure shows the block diagram of POS information management server. (Drawing includes non-English language text).

**Title Terms** .../Index Terms/Additional Words: **TERMINAL**

**Original Publication Data by Authority**

**Original Abstracts:**

The present invention relates to provide a POS server which responds **instantly** to the request from local terminals. **The POS server controls a plurality of local terminals arranged in a plurality of stores**, having a first and second control apparatus which receive and store dealing information, from the first local terminal 300a respectively, which **shows** that products dealing was conducted in the first local terminal 300a among the **plurality** of local terminals, and notifies that **the** dealing information was received, to the first local terminal.

... .. present invention relates to provide a POS server which responds instantly to the request from **local terminals**. The POS server controls a **plurality** of local **terminals** arranged **in a plurality of stores**, having a **first** and second control apparatus which receive and store dealing information, from the first local terminal **300a** respectively, which shows that products dealing was **conducted** in the first local terminal **300a** among the plurality of local terminals, and notifies that the dealing information **was** received, to the first local terminal.

... .. a request of a shop terminal and for managing the transactions of a plurality of **shop terminals** installed at a plurality of shops. The POS **server** (100) comprises first **and** second managing devices, each of which receives transaction information representing **that** commodity transaction has **been** made at a **first one** (300a) of the shop terminals from the first shop terminal (300a), stores the transaction information therein, and notifies the first shop terminal that it has received the transaction **information**.

... .. de gerer les transactions d'une pluralite de terminaux de magasin installes au niveau d'une pluralite de magasins. Ledit serveur POS (100) **comprend un premier** et un second dispositif de gestion, chacun d'eux recevant des informations de transaction representant une transaction de denree **effectuee** au niveau d'un **premier** (300a) terminal de magasin a partir du premier terminal de magasin (300a), stocke les informations de transaction et notifie au premier terminal de magasin qu'il a recu les informations **de** transaction.

#### **Claims:**

A POS server **controlling a plurality of local terminals arranged at a plurality of stores**, said POS server **comprising: a first and a second control apparatus**, each of which receives and stores dealing information that products dealing has been made at a first local terminal, from **the** first local terminal of **said** local terminals, and **notifies** the first local terminal of **receiving** said dealing information... .. 1. A POS server controlling a plurality of local terminals **arranged at a plurality of stores**, said POS server comprising: a **first** and a second **control apparatus**, each of which receives and stores dealing information that products dealing has been made at a first local terminal, from the first local terminal of said **local** terminals, and notifies the **first** local terminal of **receiving** said dealing information.

14/3,K/9 (Item 5 from file: 350) [Links](#)

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0012644659 *Drawing available*

WPI Acc no: 2002-494003/

XRPX Acc No: N2002-390641

**Point of sales server installed in stores, matches received goods identification information with that handled at shops and accordingly detects and transmits the stock information of goods**

Patent Assignee: VISUAL JAPAN KK (VISU-N)

Inventor: YAMADA T

Patent Family ( 2 patents, 23 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109644	A	20020412	JP 2000295384	A	20000928	200253	B
WO 2003038772	A1	20030508	WO 2001JP9599	A	20011101	200340	NCE

Priority Applications (no., kind, date): WO 2001JP9599 A 20011101; JP 2000295384 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2002109644	A	JA	22	17		
WO 2003038772	A1	JA				
National Designated States,Original	CN KR US					
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR					

**Point of sales server installed in stores, matches received goods identification information with that handled at shops and accordingly...**

**Original Titles:**

**POS SYSTEM, POS SERVER, STORE TERMINAL, SALES MANAGEMENT METHOD AND RECORDING MEDIUM... ..POS SYSTEM, POS SERVER, SHOP TERMINAL, SALES MANAGING METHOD, AND RECORDING MEDIUM... ..SYSTEME POS, SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT**

**Alerting Abstract** ...NOVELTY - The point of sales (POS) server matches the goods identification information received by a receiver (152), from a store **terminal**, with that handled at a shop. A detector (172) detects the stock of goods and...

... POS system; **Store terminal**; Goods sales management **method**; and Recorded medium storing program....

**ADVANTAGE** - The POS server to which a demand can be immediately responded from a store terminal is provided.

... .. device of point of sales server. (Drawing includes non-English language text).

**Original Publication Data by Authority**

**Original Abstracts:**

A POS server (100) for **instantly responding** to a request of a shop **terminal** and for managing the transactions of commodities at a plurality of shops. The POS server (100) comprises a **reception** unit (152) for receiving

commodity identification information from a shop terminal (300), an inventory **master** (400) for storing therein the commodity information representing the contents of a commodity including the... .. commodity information and the quantity of inventory extracted, to the shop terminal.

... .. La presente invention concerne un serveur POS (100), concu pour repondre instantanement a une requete d'un terminal de magasin et pour gerer les transactions de **marchandises** au niveau de plusieurs magasins. Ce serveur POS (100) comprend une unite de reception (152), concue **pour** recevoir des informations d'identification de marchandise provenant d'un terminal de magasin (300), un maitre d'inventaire (400), **concu** pour enregistrer les informations de marchandise representant les contenus d'une marchandise, y compris le... .. transmission (154), concue pour transmettre au terminal de magasin au moins une des informations de **marchandise** et la quantite d'inventaire extraites.

14/3,K/10 (Item 6 from file: 350) [Links](#)

Derwent WPIX

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0012476507 *Drawing available*

WPI Acc no: 2002-423270/

XRPX Acc No: N2002-333382

**POS server e.g. chain store, has management unit with receiver for receiving same database operation command which store terminal transmitted to management device addressee**

Patent Assignee: VISUAL JAPAN KK (VISU-N); YAMADA T (YAMA-I)

Inventor: YAMADA T

Patent Family ( 4 patents, 30 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109295	A	20020412	JP 2000295377	A	20000928	200245	B
WO 2003038774	A1	20030508	WO 2001JP9598	A	20011101	200340	NCE
EP 1450324	A1	20040825	EP 2001982725	A	20011101	200456	NCE
			WO 2001JP9598	A	20011101		
US 20040267546	A1	20041230	WO 2001JP9598	A	20011101	200503	NCE
			US 2004494253	A	20040430		

Priority Applications (no., kind, date): US 2004494253 A 20040430; EP 2001982725 A 20011101; WO 2001JP9598 A 20011101; JP 2000295377 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2002109295	A	JA	22	15		
WO 2003038774	A1	JA				
National Designated	CN KR US					

14/3,K/11 (Item 7 from file: 350) [Links](#)  
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0012476506 *Drawing available*

WPI Acc no: 2002-423269/

XRFX Acc No: N2002-333381

**POS server for management of goods transaction in stores, has updating unit to update transaction database based on database command received corresponding to each completed transaction of goods**

Patent Assignee: VISUAL JAPAN KK (VISU-N)

Inventor: YAMADA T

Patent Family ( 2 patents, 23 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2002109294	A	20020412	JP 2000295369	A	20000928	200245	B
WO 2003038773	A1	20030508	WO 2001JP9600	A	20011101	200340	NCE

Priority Applications (no., kind, date): WO 2001JP9600 A 20011101; JP 2000295369 A 20000928

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 2002109294	A	JA	15	12	
WO 2003038773	A1	JA			
National Designated States,Original	CN KR US				
Regional Designated States,Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR				

**POS server for management of goods transaction in stores, has updating unit to update transaction database based...**

**Original Titles:**

**POS SYSTEM, POS SERVER, STORE TERMINAL, SALES MANAGING METHOD AND RECORDING MEDIUM... ..POS SYSTEM, POS SERVER, SHOP TERMINAL, SALES MANAGING METHOD, AND RECORDING MEDIUM... ..SYSTEME ET SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT**

**Alerting Abstract ... Point-of-sales system;Store terminal;Sales management method; andRecorded medium storing sales management program... .. ADVANTAGE - The POS terminal to which a demand can be immediately responded from a store terminal is provided.**

**Title Terms /Index Terms/Additional Words: POS;**



## Original Publication Data by Authority

### Original Abstracts:

A POS server (100) for **instantly responding** to a request of a shop **terminal** and for managing **the** transactions of commodities at a plurality of shops. The **POS** server (100) comprises **a transaction** database for storing therein the content of commodity transaction made at a shop terminal (300) installed at a shop, a reception unit for receiving from the shop terminal (300) such a **database** operation instruction to allow the transaction database to reflect the transaction at least each time... .. un serveur de point de vente (POS) (100) permettant de répondre instantanément a une demandé de terminal de magasin et de gerer les **transactions** de **denrees** au niveau d'une pluralite de magasins. Ledit serveur POS (100) comprend une **base** de donnees de transactions **permettant** de stocker le contenu d'une transaction de denree effectuee au niveau d'un terminal de magasin (300) installe dans un magasin; une **unite** de reception destinee a recevoir une instruction de fonctionnement de base de donnees, provenant du terminal de magasin (300), afin que ladite base de **donnees** puisse refleter une transaction au moins chaque fois qu'une transaction de denree est executee avec un client, et une unite de mise a jour de **base** de donnees destinee a mettre a jour la base de donnees de transactions en fonction...

14/3,K/12 (Item 8 from file: 350) [Links](#)

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0011233414 *Drawing available*

WPI Acc no: 2002-172911/200223

XRPX Acc No: N2002-131369

**Network system for advertisement, has point-of-service system to print advertisement in accordance with advertisement application information from application/distribution server system**

Patent Assignee: MINOWA M (MINO-I); SEIKO EPSON CORP (SHIH)

Inventor: MINOWA M

Patent Family ( 6 patents, 30 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1146454	A2	20011017	EP 2001107557	A	20010327	200223	B
CN 1320882	A	20011107	CN 2001117338	A	20010327	200223	E
JP 2001344662	A	20011214	JP 200191338	A	20010327	200223	E
US 20010034775	A1	20011025	US 2001818125	A	20010326	200223	E
KR 2001098425	A	20011108	KR 200115702	A	20010326	200227	E
JP 3644493	B2	20050427	JP 200191338	A	20010327	200528	E

Priority Applications (no., kind, date): JP 200087280 A 20000327

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 1146454	A2	EN	30	20		
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2001344662	A	JA	22			
JP 3644493	B2	JA	27		Previously issued patent	JP 2001344662

...  
of-service system to print advertisement in accordance with advertisement application information from application/distribution server system ...

**Original Titles:**

Method, **computer** product and network system for receiving and placement processing of advertising information

**Alerting Abstract** ...NOVELTY - An application/distribution **server** (ADS) system (1) transmits an advertising application form in response to a **request** from **client** PC (5). The **client** PC inputs information into the form. The ADS system stores the received information from the **client** PC and distributes it to **multiple** point-of-service (**POS**) system (3) specified by the **client** PC. The **POS** system prints an advertisement in accordance with application information.

... Advertisement information processing method; Computer readable data storage medium

... ... 3 POS system

## Original Publication Data by Authority

...  
**Original Abstracts:**

notices, announcements, and requests for assistance, on receipts issued from a POS terminal, vouchers issued by a kiosk terminal, and queuing number **tickets** issued from queuing number issuing devices in banks, for example. Information relating to the advertising... ... advertising information, and advertising fee payment information is sent from a client PC (5) via **the** Internet (10) to a server system (1); the **server** system (1) calculates **fee** information according to the received advertising information, and sends it via the Internet (10) to the client PC (5). After **confirming** completion of the payment process, the server system (1) sends **the** advertising information to a central system, and the central system distributes the received advertising information to the plural POS systems (3, 7) **connected** to the central system. A store POS system that receives **the** advertising information prints the advertising information together with the transaction information for the purchased products... ... assistance, on receipts issued from a POS terminal, vouchers issued by a kiosk terminal, and **queuing number** tickets issued from queuing number **issuing** devices in banks, for example. Information relating to the advertising application, advertising information, and advertising... ... payment information is sent from a client PC via the Internet to a server system; **the** server system calculates fee information according to the received **advertising** information, and sends it via the Internet to the client PC. After confirming completion of the payment process, **the** server system sends the advertising information to a central **system**, and the central system distributes the received advertising information to the plural POS systems connected to the central system. A **store POS** system that receives the advertising information prints the **advertising** information together with the transaction information for the purchased products

on the receipt issued during...

**Claims:**

A network system comprising: a server system (1), a **client PC (5)** adapted to connect **via** the Internet (10) to the server system (1), POS systems (3, 7) each connected to a **respective** POS terminal device having a display device (54, 56) **and** a printing device (53), first means (11) for storing an application page (13) containing an... 13) to the client PC (5) in response to a request from the client PC (5); third means (11, 15, 16, 20) **for** receiving and **storing** input information containing advertising placement information and POS system specifying information input according to the application form at the client PC (5); fourth means (22) for distributing specific data of the input information **to** one or more of said POS systems (3, 7) specified by said specifying information; and control means for controlling printing of **an** advertisement in accordance with the advertising placement information by means of the printing device (53... 7) to which said specific data is distributed.

... a POS terminal device, the POS terminal device having at least a display device and a printing device, said network system comprising: (a) means for storing an application **page** containing an advertising **placement application** form; (b) **means for** sending the application page containing the application form to the client PC in response to... advertising placement information provided by the client PC in accordance with the application form; (d) **means for** distributing specific data in the input information **to** a POS system specified by the client PC; and (e) control means for controlling printing the advertising placement **information** on the POS system receiving the distribution.

14/3,K/13 (Item 9 from file: 350) **Links**

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0011052650 *Drawing available*

WPI Acc no: 2001-367959/200139

Related WPI Acc No: 2002-049776

XRFX Acc No: N2001-268459

**Fixed quantity prepaid telephone time providing method in airport, train station, involves providing personal identification number to user after verifying availability of sufficient funds to purchase telephone time**

Patent Assignee: WIRELESS AIR TIME DIRECT INC (WIRE-N); WIRELESS AIRTIME DIRECT CORP (WIRE-N)

Inventor: BITOVE T J; KOJFMAN R; WALCOT P A; WINCH S R

Patent Family ( 5 patents, 92 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2319982	A1	20010420	CA 2319982	A	20000919	200139	B
WO 2001074049	A2	20011004	WO 2001CA390	A	20010329	200165	E
AU 200143997	A	20011008	AU 200143997	A	20010329	200208	E
CA 2319982	C	20011225				200210	E
US 6973172	B1	20051206	US 2000662166	A	20000914	200580	E

Priority Applications (no., kind, date): CA 2319982 A 20000919; CA 2303041 A 20000329

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
CA 2319982	A1	EN	39	4		
WO 2001074049	A2	EN				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200143997	A	EN			Based on OPI patent	WO 2001074049
CA 2319982	C	EN				

**Fixed quantity prepaid telephone time providing method in airport, train station, involves providing personal identification number to user after verifying availability of sufficient funds to purchase ...**

**Original Titles:**

Method for providing a quantity of telephone time from an ATM or **POS terminal**

... ..METHOD FOR PROVIDING A QUANTITY OF TELEPHONE TIME FROM AN ATM OR **POS TERMINAL**

... ..D'UNE DUREE D'UTILISATION DE SERVICES TELEPHONIQUES DEPUIS UN GUICHET AUTOMATIQUE OU D'UN **TERMINAL** DE POINT DE VENTE

**Alerting Abstract** ...Personal identification number (PIN) obtained from telephone service provider is made available to ATM or **POS terminal**. Based on user's desire to purchase telephone time, user is queried by the device...

**DESCRIPTION** - In response to user's desire to purchase telephone time in ATM machine or **POS terminal**, queries the user as to whether to charge user's credit card or to debit user... ..For providing fixed quantity prepaid telephone time to customer through automated teller machine (ATM) or **POS terminal** installed in airports, train station, bus terminal, financial institutions, etc... ..**ADVANTAGE** - Provides prepaid telephone time to customers through existing ATM or **POS terminals** without any physical modification or there hardware other than through software modifications. Permits telephone service... ..**DESCRIPTION OF DRAWINGS** - The figure shows the **POS terminal** used to dispense PIN.

**Title Terms** .../Index Terms/Additional Words: **STATION**;

**Original Publication Data by Authority**

...  
**Original Abstracts:**

an automated teller machine (ATM) or a point-of-sale device (POS terminal), to a **patron** of either of such device. PIN numbers, obtained from a telephone service provider and each designating... of telephone service time, are made available to the ATM or POS terminal. The patron is **queried** by the device if he/she wishes to purchase telephone time. Upon selection of a... account statement printer, or on the account statement printer of a POS terminal if a **POS device** is alternatively **employed**. An ATM to permit patrons of such ATM to purchase a quantity of telephone time... or a point-of-sale device (POS terminal), to a patron of either of such **device**. PIN numbers, obtained from a telephone service provider and each designating a pre-paid quantity of... made available to the ATM or POS terminal. The patron is queried by the device **if he/she** wishes to purchase telephone time. Upon selection of a quantity of pre-paid telephone... the account statement printer of a POS terminal if a POS device is alternatively employed. An **ATM** to permit **patrons** of such ATM to purchase a quantity of telephone time from one of a plurality... vente (terminal PV), a un utilisateur d'un desdits dispositifs. Les numeros d'identification personnel **PIN** obtenus d'un fournisseur de services telephoniques et designant chacun une duree d'utilisation de... du terminal GA ou PV. Le dispositif demande a l'utilisateur/trice si il/elle **desire** acheter du credit telephonique. Lors **de** la selection, par un utilisateur, d'une duree d'utilisation de services telephoniques prepayee et... un terminal PV si celui-ci est prevu. Un GA permettant aux utilisateurs d'acheter **une** duree d'utilisation de services telephoniques chez un fournisseur de services telephoniques parmi plusieurs, est...

#### **Claims:**

1. A method for providing a second PIN number from a POS terminal **in communication** with a host server, to a patron of said POS terminal, **without hardware** changes to said POS terminal **and without** such POS terminal **contacting** a telephone service provider prior to or during the dispensing of said second PIN number to... a fixed quantity of prepaid telephone time from at least one of a plurality of **telephone** service providers, said POS terminal **vending items** other than second PIN numbers, said method comprising in combination: a) ordering a pre-determined... second PIN numbers to be supplied to the host server in a common form, each of said second PIN numbers when provided to a patron of such POS terminal during a transaction and **subsequently supplied** by the patron to the telephone service provider adapted to allow telephone service for said... in the common form on the host server which interfaces with said POS terminal; d) **causing** a patron of such **POS terminal**, who accesses the POS terminal by providing the **POS terminal** with an encoded **credit card** or bank debit **card and** a first PIN number, to be queried as to whether the patron wishes to purchase... host server to cause a verification that the patron has sufficient funds to purchase said **quantity** of telephone time, and cause a debiting of such account; g) in the event the... to cause a verification that the quantity of time desired to be purchased may be **charged** to said credit card, and cause a charging of said credit card; h) upon satisfaction... one of said second PIN numbers; and i) causing said selected second PIN number to be provided from the host server to such patron by printing said second PIN number on said POS terminal's existing account statement printer or **alternatively** displaying said second PIN number on said POS terminal's visual **display**.>

14/3,K/14 (Item 10 from file: 350) **Links**

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0010893628 *Drawing available*

WPI Acc no: 2001-513996/

XRPX Acc No: N2001-380785

**Distributed processing system and clients for POS operations that provide functionality when system goes down has some clients that have server functionality to execute processing in response to requests issued from other clients**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: FUJITA S

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010016871	A1	20010823	US 2001785175	A	20010220	200156	B
JP 2001229097	A	20010824	JP 200041111	A	20000218	200156	E

Priority Applications (no., kind, date): JP 200041111 A 20000218

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20010016871	A1	EN	11	7	
JP 2001229097	A	JA	12		

**Distributed processing system and clients for POS operations that provide functionality when system goes down has some clients that have server functionality to execute processing in response to requests issued from other clients**

**Original Titles:**

**DISTRIBUTION PROCESSING SYSTEM AND CLIENT**

... ..Distributed processing system and clients

**Alerting Abstract** ...NOVELTY - The distributed system consists of a number of point of sale ( **POS**) **clients** (10a, 10b, 10c,...), linked in series to form a system. Some **clients** such as (10a) have **server** functionality so that they execute processing in response to **requests** issued from other **clients**. The processing results are output to these **clients** that issued such **requests**.

...ADVANTAGE - Even when the **server** goes down, the overall system will not be brought down... ..OF

**DRAWINGS** - The figure shows one embodiment for implementing the present invention related to a **POS**..

... ..10**POS clients**

... ..20**Database server**

**Title Terms** .../Index Terms/Additional Words: **CLIENT**; ... ..**POS**;

**Original Publication Data by Authority**

...  
**Original Abstracts:**

invention provides a distributed processing system that eliminates the need for server clustering technology and **will** not pose a problem that the overall system would go down when the server fails, and **clients** **for** use in **said**

system. Of a plurality of POS clients 10a, 10b, 10c, ... , and 11a, 11b, 11c, and so forth that are linked in series to form a system, fat clients 10a and... .. 11c, and so forth and output the processing results to said thin clients that issued **such** requests, and they are capable of standalone operation.

...

#### Claims:

processing system comprising a plurality of clients linked in series, wherein at least one of **said** clients is operable in standalone fashion and has server **functionality** so that it executes processing in response to requests issued by other clients and outputs the results of the processing to **said** clients that issued such requests.

14/3,K/15 (Item 11 from file: 350) Links

Derwent WPIX

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0009451411 *Drawing available*

WPI Acc no: 1999-391006/199933

XRPX Acc No: N1999-293399

**Real-time inventory control system for updating inventory data of headquarters server via communication circuits such as LAN-WAN - has main memory in which sales management data, inventory control data, compartment control data are stored**

Patent Assignee: FUJITSU GENERAL LTD (GENH)

Patent Family ( 2 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 11154280	A	19990608	JP 1997319378	A	19971120	199933	B
JP 3777759	B2	20060524	JP 1997319378	A	19971120	200635	E

Priority Applications (no., kind, date): JP 1997319378 A 19971120

Patent Details .

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 11154280	A	JA	10	4		
JP 3777759	B2	JA	10		Previously issued patent	JP 11154280

**Real-time inventory control system for updating inventory data of headquarters server via communication circuits such as LAN-WAN...**

**Alerting Abstract** ...main memory (4) stores sales management data, inventory control data, compartment control data. Each store **server** performs a store inside inventory **inquiry** of goods for sales input from **POS terminal**. When there is no inventory **inquiry** of headquarters inventory is performed. When headquarters has a warehoused

item, sales compartment is enabled. DETAILED DESCRIPTION - **Several POS terminals** (5) which perform input processing for every customer, are provided. A store **server** (1) is provided which comprises processor (2) with inventory inquiry unit to inquire for storing... ..USE - For updating inventory data of headquarters **server** via communication circuits such as LAN-WAN... ..ADVANTAGE - **Inquiries** for inventory control data of headquarters **server** and do selling activity. DESCRIPTION OF DRAWING(S) - The figure shows systematic diagram of the inventory control system. (1) **Server**; (2) Processor; (4) Main memory; (5) **POS terminal**.

14/3,K/16 (Item 12 from file: 350) Links

Derwent WPIX

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0008735242 *Drawing available*

WPI Acc no: 1998-277184/

XRPX Acc No: N1998-218093

**Point of sales system for goods information management in supermarket, circulation industry, price inquiry service - includes several POS terminals, which forwards search request to server and obtains goods information when requested goods information is not available in local file or is incorrect**

Patent Assignee: NIPPON DENKI ENG KK (NIDE)

Inventor: NISHIJIMA K

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 10091871	A	19980410	JP 1996266743	A	19960917	199825	B

Priority Applications (no., kind, date): JP 1996266743 A 19960917

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 10091871	A	JA	5	4	

...  
includes several POS terminals, which forwards search request to server and obtains goods information when requested goods information is not available in local file or is incorrect

**Original Titles:**

**POS SYSTEM**

**Alerting Abstract** ...The system includes several point of sales **terminals** connected to a **server** via a network. The **server** has a master file in which the information pertaining to all the commodities in a store, are stored. Each **POS terminal** has a local file in which the partial goods information extracted from the master file... ..The goods information in the **POS terminal** consists of a bar code (1), a goods data (2), a count (3) and a... ..goods



information is not available in the local file or it is incorrect, a search **request** is forwarded to the **server**. Then, the corresponding goods information is obtained from the master file...

**Title Terms .../Index Terms/Additional Words: POS; ... ..TERMINAL;**

? show files

[File 15] **ABI/Inform(R)** 1971-2007/Feb 14  
(c) 2007 ProQuest Info&Learning. All rights reserved.

[File 9] **Business & Industry(R)** Jul/1994-2007/Feb 13  
(c) 2007 The Gale Group. All rights reserved.

[File 275] **Gale Group Computer DB(TM)** 1983-2007/Feb 13  
(c) 2007 The Gale Group. All rights reserved.

[File 621] **Gale Group New Prod.Annou.(R)** 1985-2007/Feb 06  
(c) 2007 The Gale Group. All rights reserved.

[File 636] **Gale Group Newsletter DB(TM)** 1987-2007/Feb 13  
(c) 2007 The Gale Group. All rights reserved.

[File 16] **Gale Group PROMT(R)** 1990-2007/Feb 13  
(c) 2007 The Gale Group. All rights reserved.

[File 160] **Gale Group PROMT(R)** 1972-1989  
(c) 1999 The Gale Group. All rights reserved.

[File 148] **Gale Group Trade & Industry DB** 1976-2007/Feb 06  
(c)2007 The Gale Group. All rights reserved.

[File 610] **Business Wire** 1999-2007/Feb 13  
(c) 2007 Business Wire. All rights reserved.  
*\*File 610: File 610 now contains data from 3/99 forward. Archive data (1986-2/99) is available in File 810.*

[File 810] **Business Wire** 1986-1999/Feb 28  
(c) 1999 Business Wire . All rights reserved.

[File 476] **Financial Times Fulltext** 1982-2007/Feb 14  
(c) 2007 Financial Times Ltd. All rights reserved.

[File 624] **McGraw-Hill Publications** 1985-2007/Feb 13  
(c) 2007 McGraw-Hill Co. Inc. All rights reserved.  
*\*File 624: Homeland Security & Defense and 9 Platt energy journals added Please see HELP NEWS624 for more*

[File 634] **San Jose Mercury** Jun 1985-2007/Feb 13  
(c) 2007 San Jose Mercury News. All rights reserved.

[File 20] **Dialog Global Reporter** 1997-2007/Feb 14  
(c) 2007 Dialog. All rights reserved.

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200706  
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*\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP*

NEWSIPCR.

[File 349] PCT FULLTEXT 1979-2007/UB=20070208UT=20070201

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*\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see HELP NEWSIPCR.*

? d s

Set	Items	Description
S1	2511071	S SERVER? ? OR MAIN()SERVER? ? MAIN()TERMINAL? ?
S2	20541501	S (NODE? OR TERMINAL? OR COMPUTER? OR CLIENT? OR WORKSTATION?? OR STATION?? )
S3	241249	S (POINT()OF ()SALE? ? OR POS OR (CASH OR SALE? ?)(3N)REGISTER? ?)
S4	621783	S (S1 OR S2) (7N) (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR???)
S5	11784	S S3 (7N) (MULTIPLE OR MANY OR SEVERAL OR PLURAL? OR VARIOUS OR MULTI OR MORE(2W)ONE)
S6	253923	S (CANCEL??? OR STOP??? OR TERMINAT??? OR ABORT???) (7N) (ORDER? ? OR TRADE? ? OR TRADING OR TRANSACTION? ? OR PURCHAS???)
S7	156172	S (ADJUST? OR CHANG? OR MODIF? OR CORRECT?) (7N) (INVOICE? ? OR RECEIPT? ? OR BILL? ?)
S8	1741	S S1(3N)S3
S9	1	S S8(7N) (S6 OR S7)
S10	2	S S8(10N) (S6 OR S7)
S11	1	S S10 NOT S9
S12	36	S S8(7N)S4
S13	32	RD (unique items)
S14	9	S S13 NOT PY>2000
S15	27	S S12 NOT (S14 OR S11 OR S9)

?

9/3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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00483896

**A system and method for database management supporting object-oriented programming**

Datenbankverwaltungssystem und -verfahren zur Unterstützung von objektorientierter Programmierung

Système et procédé de gestion de base de données permettant la programmation orientations-objet

**Patent Assignee:**

- **TEXAS INSTRUMENTS INCORPORATED;** (279070)  
13500 North Central Expressway; Dallas Texas 75265; (US)  
(Proprietor designated states: all)

**Inventor:**

- **Bannon, Thomas J.**  
4912 Haverwood; Dallas, Texas 75276; (US)
- **Vappala, John Joseph**  
1900 Knob Hill; Plano, Texas 75023; (US)
- **Ford, Stephen J.**  
2804 Hacienda Court; Plano, Texas 75023; (US)
- **Perez, Edward R.**  
9511 Liptonshire; Dallas, Texas 75238; (US)
- **Peterson, Robert W.**  
3841 Townbluff Drive; Plano, Texas 75023; (US)
- **Thatte, Satish M.**  
1304 Elk Grove; Richardson, Texas 75081; (US)
- **Wang, Chung C.**  
6925 Echo Bluff Drive; Dallas, Texas 75248; (US)
- **Sparacin, Diana M.**  
2212 Covinton Lane; Plano, Texas 75023; (US)
- **Thompson, Craig W.**  
2725 Deep Valley Trail; Plano, Texas 75023; (US)
- **Wells, David L.**  
8593 Hanford; Dallas, Texas 75243; (US)

**Legal Representative:**

- **Legg, Cyrus James Grahame et al (81121)**  
ABEL & IMRAY, 20 Red Lion Street; London WC1R 4PQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	459683	A2	19911204	(Basic)

	EP	459683	A3	19930414	
	EP	459683	B1	19990818	
Application	EP	91304579		19910521	
Priorities	US	531493		19900530	

**Designated States:**

DE; FR; GB; IT; NL;

**International Patent Class (V7):** G06F-017/30; G06F-009/44**Abstract Word Count:** 88

**NOTE:** 2

**NOTE:** Figure number on first page: 2

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9933	1167
CLAIMS B	(German)	9933	1158
CLAIMS B	(French)	9933	1396
SPEC B	(English)	9933	15634
Total Word Count (Document A) 0			
Total Word Count (Document B) 19355			
Total Word Count (All Documents) 19355			

**Specification:** ...by OMS 42.

Transaction Id contains the current transaction number. It is used during **Begin-Transaction** 110, **Commit-Transaction** 112, and **Abort-Transaction** 114.

**POS Server** is a reference to an instance of POS.Server 54. It is set during Create ...is set to "Invalid" and the modified data member is set to "Not Modified". Finally, **Abort-Transaction** 520 is called to allow **POS Server** 54 to **terminate** its current **transaction**, the **transaction ID** data member is decremented by one, and control is returned to the caller of...is returned to the caller of this function.

Delete 502 deletes an instance of a **POS Server** 54, calls **Abort- Transaction** 520 in case End-Commit 510 had not been called by OMS 42. Next, a...

11/3K/1 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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01701121

**Method and apparatus for adding image data representing a background image to print data representing text and printing the text and the background image**

Verfahren und Gerat zum Hinzufügen von Hintergrundbilddaten zu textuellen Druckdaten und zum Drucken dieser Text- und Bilddaten

Methode et systeme pour l'addition de donnees d'image de fond a de donnees textuelles et pour l'impression de ces donnees d'image et textuelles

**Patent Assignee:**

- **SEIKO EPSON CORPORATION;** (730004)  
4-1, Nishishinjuku 2-chome; Shinjuku-ku, Tokyo 163-0811; (JP)  
(Applicant designated States: all)

**Inventor:**

- **Yokoyama, Kazuyuki**  
Seiko Epson Corp. 3-5, Owa 3-chome; Suwa-shi Nagano-ken 392-8502; (JP)
- **Minowa, Masahiro**  
Seiko Epson Corp. 3-5, Owa 3-chome; Suwa-shi Nagano-ken 392-8502; (JP)

**Legal Representative:**

- **Hoffmann, Eckart, Dipl.-Ing. (5571)**  
Patentanwalt, Bahnhofstrasse 103; 82166 Grafelfing; (DE)

	Country	Number	Kind	Date	
Patent	EP	1394753	A1	20040303	(Basic)
Application	EP	2003019203		20030825	
Priorities	JP	2002245462		20020826	
	JP	2003206896		20030808	

**Designated States:**

DE; FR; GB; IT;

**Extended Designated States:**

AL; LT; LV; MK;

**International Patent Class (V7):** G07F-017/42; B42D-015/00; G06F-017/60**Abstract Word Count:** 88

**NOTE:** 6

**NOTE:** Figure number on first page: 6

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English  
Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200410	1276
SPEC A	(English)	200410	7372
Total Word Count (Document A) 8648			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 8648			

**Specification:** ...and a POS server connected to each of the POS terminals via a network. The **POS server** manages the **POS** terminals. This POS system can also issue color graphic-based **receipts** from the printer without **modifying** the monochrome, text-based application run by the terminal device.

In another aspect of the...

PR Newswire , p 8881

Oct 26 , 1999

**Language:** English **Record Type:** Fulltext

**Document Type:** Newswire ; Trade

**Word Count:** 727

...and training capabilities will help NCR further strengthen its support infrastructure to meet the ATM, POS and enterprise server demands of its many, many customers. Additionally, with our new found strengths, we anticipate our ability...

14/3,K/4 (Item 1 from file: 148) [Links](#)

Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rights reserved.

08825512 **Supplier Number:** 18507772 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**1996 hotel technology handbook.**

Lodging Hospitality , v52 , n6 , p19(18)

June , 1996

ISSN: 0148-0766

**Language:** English

**Record Type:** Fulltext; Abstract

**Word Count:** 1842 **Line Count:** 00152

...applications quicker, he says, they cut down on training time and expense.

Forced modifiers, another POS enhancement, let servers input special requests on the menu items at the table. "It's faster than if the server has...

14/3,K/5 (Item 1 from file: 810) [Links](#)

Business Wire

(c) 1999 Business Wire . All rights reserved.

0379495 BW075

**HEWLETT PACKARD 6 : HP(R) INTRODUCES HP OPENPOS; New Low-cost POS Clients and RISC-based POS Servers, Multivendor Support and Implementation Services Comprise HP's New Point-of-sale Solution**

January 18, 1994

**Byline:** Business Editors/Computer Writers



...ranked

(according to DataPro) support organization, HP OpenPOS customers will receive full support for the demanding POS environments.

HP OpenPOS: E-class POS Servers

With OpenPOS, HP introduces a new class of affordable POS servers that offer unprecedented performance...

14/3K/6 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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00957813

**PERSONAL ELECTRONIC SETTLEMENT SYSTEM, ITS TERMINAL, AND MANAGEMENT APPARATUS**

PERSONLICHES ELEKTRONISCHES REGELUNGSSYSTEM, TERMINAL UND MANAGEMENTAPPARAT  
SYSTEME DE REGLEMENT ELECTRONIQUE PERSONNEL, TERMINAL DE CE DERNIER ET APPAREIL  
PERMETTANT DE GERER CE SYSTEME

**Patent Assignee:**

- **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.;** (216883)  
1006, Oaza Kadoma; Kadoma-shi, Osaka-fu, 571; (JP)  
(applicant designated states: DE;FR;GB)

**Inventor:**

- **TAKAYAMA, Hisashi**  
21-22, Matsubara 4-chome, Setagaya-ku; Tokyo 156; (JP)

**Legal Representative:**

- **Casalonga, Axel et al (14511)**  
BUREAU D.A. CASALONGA - JOSSE Morassistrasse 8; 80469 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	910028	A1	19990421	(Basic)
	WO	9821677		19980522	
Application	EP	97912468		19971114	
	WO	97JP4161		19971114	
Priorities	JP	96316897		19961114	
	JP	97117681		19970422	

**Designated States:**

DE; FR; GB;

**International Patent Class (V7):** G06F-017/60; ; **Abstract Word Count:** 119

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	12261
SPEC A	(English)	9916	116678
Total Word Count (Document A) 128939			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 128939			

**Specification:** ...interface 2417 receives data from the cash register 311 and asserts an interrupt signal 2452 requesting the CPU 2400 exchange data with the **cash register** 311 via the RS-232C interface 2417.

The logic controller 2410 internally includes three registers...

14/3K/7 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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00483896

**A system and method for database management supporting object-oriented programming**

Datenbankverwaltungssystem und -verfahren zur Unterstützung von objektorientierter Programmierung

Systeme et procede de gestion de base de donnees permettant la programmation orientations-objet

**Patent Assignee:**

- **TEXAS INSTRUMENTS INCORPORATED;** (279070)  
13500 North Central Expressway; Dallas Texas 75265; (US)  
(Proprietor designated states: all)

**Inventor:**

- **Bannon, Thomas J.**  
4912 Haverwood; Dallas, Texas 75276; (US)
- **Vappala, John Joseph**  
1900 Knob Hill; Plano, Texas 75023; (US)
- **Ford, Stephen J.**  
2804 Hacienda Court; Plano, Texas 75023; (US)
- **Perez, Edward R.**  
9511 Liptonshire; Dallas, Texas 75238; (US)
- **Peterson, Robert W.**  
3841 Townbluff Drive; Plano, Texas 75023; (US)
- **Thatte, Satish M.**

1304 Elk Grove; Richardson, Texas 75081; (US)

- **Wang, Chung C.**  
6925 Echo Bluff Drive; Dallas, Texas 75248; (US)
- **Sparacin, Diana M.**  
2212 Covinton Lane; Plano, Texas 75023; (US)
- **Thompson, Craig W.**  
2725 Deep Valley Trail; Plano, Texas 75023; (US)
- **Wells, David L.**  
8593 Hanford; Dallas, Texas 75243; (US)

**Legal Representative:**

- **Legg, Cyrus James Grahame et al (81121)**  
ABEL & IMRAY; 20 Red Lion Street; London WC1R 4PQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	459683	A2	19911204	(Basic)
	EP	459683	A3	19930414	
	EP	459683	B1	19990818	
Application	EP	91304579		19910521	
Priorities	US	531493		19900530	

**Designated States:**

DE; FR; GB; IT; NL;

**International Patent Class (V7):** G06F-017/30; G06F-009/44**Abstract Word Count:** 88

**NOTE:** 2

**NOTE:** Figure number on first page: 2

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9933	1167
CLAIMS B	(German)	9933	1158
CLAIMS B	(French)	9933	1396
SPEC B	(English)	9933	15634
Total Word Count (Document A) 0			
Total Word Count (Document B) 19355			
Total Word Count (All Documents) 19355			

**Specification:** ...SQL query is issued to commit all pending changes previously sent to RDBMS 20 by POS Server 54. If that **query** fails, another SQL **query** is issued to rollback any pending changes to insure that none of the pending changes...

14/3K/8 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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00576389

**PROMOTING SALE OF A SUBSTITUTE PRODUCT**

PROMOTION DE LA VENTE D'UN PRODUIT DE SUBSTITUTION

**Patent Applicant/Patent Assignee:**

- **WALKER DIGITAL LLC;**

;;

- **WALKER Jay S;**

;;

- **TEDESCO Daniel E;**

;;

- **MIK Magdalena;**

;;

	Country	Number	Kind	Date
Patent	WO	200039762	A1	20000706
Application	WO	99US22650		19990929
Priorities	US	98221099		19981228

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 12538

**Detailed Description:**

...470 may also include information similar to that found in inventory database 370 of a **POS server 120**, such as product **demand** information and product pricing information.

The transaction database 480 stores data relating to all transactions... determine if a more profitable but comparable product is available. In another embodiment, the manufacturer **server 140** may **query** the **POS server 120** to see if the retailer has an available inventory of a substitute product or... ..identifies appropriate manufacturer servers to receive the transaction data (step 810). In so doing, the **POS server 120** may **query** the manufacturer database 390 for information. Appropriate manufacturers may be those sharing a similar Standard...embodiment would eliminate the need to query various manufacturers, as well as the need to **query** the **POS server 120**. Such information may

? t /3,k/all

15/3,K/1 (Item 1 from file: 16) Links

Gale Group PROMT(R)

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06757316 **Supplier Number: 56901364 (USE FORMAT 7 FOR FULLTEXT)**

**NCR Corporation, A World Leader in Global IT Services, Acquires The Permond Solutions Group.**

PR Newswire , p 8881

Oct 26 , 1999

**Language: English Record Type: Fulltext**

**Document Type: Newswire ; Trade**

**Word Count: 727**

...and training capabilities will help NCR further strengthen its support infrastructure to meet the ATM, POS and enterprise **server demands** of its many, many customers. Additionally, with our new found strengths, we anticipate our ability...

15/3,K/2 (Item 1 from file: 148) Links

Gale Group Trade & Industry DB

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11444823 **Supplier Number: 56901364 (USE FORMAT 7 OR 9 FOR FULL TEXT)**

**NCR Corporation, A World Leader in Global IT Services, Acquires The Permond Solutions Group.**

PR Newswire , 8881

Oct 26 , 1999

**Language: English**

**Record Type: Fulltext**

**Word Count: 786 Line Count: 00071**

...and training capabilities will help NCR further strengthen its support infrastructure to meet the ATM, POS and enterprise **server demands** of its many, many customers. Additionally, with our new found strengths, we anticipate our ability...

15/3,K/3 (Item 2 from file: 148) Links

Gale Group Trade & Industry DB

(c)2007 The Gale Group. All rights reserved.

06232647 **Supplier Number: 13727583**

**Retailer has client/server make-over. (Neiman Marcus outfits 27 stores and two warehouses)**

Bozman, Jean S.

Computerworld , v27 , n8 , p47(1)

Feb 22 , 1993

ISSN: 0010-4841

**Language:** ENGLISH

**Record Type:** ABSTRACT

**Abstract:** ...bases resident on a client/server architecture. The new system consists of IBM RS/6000 **servers** and IBM PC **cash registers**, IBM AIX on **servers**, the ASK Ingres relational data base on each **server**, and PC-DOS running on Intel 80386-based IBM PC cash registers. Approximately 15,000...

15/3,K/4 (Item 1 from file: 20) [Links](#)

Dialog Global Reporter

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07927753 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NCR Corporation, A World Leader in Global IT Services, Acquires The Permond Solutions Group**

PR NEWSWIRE

October 26, 1999

**Journal Code:** WPRW **Language:** English **Record Type:** FULLTEXT

**Word Count:** 756

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...and training capabilities will help NCR further strengthen its support infrastructure to meet the ATM, POS and enterprise **server demands** of its many, many customers. Additionally, with our new found strengths, we anticipate our ability...

15/3K/5 (Item 1 from file: 348) [Links](#)

EUROPEAN PATENTS

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02130738

**Media burst control system for multimedia, program, recording medium, media server and terminal**

Media-Burst-Steuerungssystem für Multimedia, Programm, Aufzeichnungsmedium, Media-Server und Endgerät.  
Système de contrôle de media en rafale pour multimedia, programme, support d'enregistrement, serveur media et terminal.

**Patent Assignee:**

- **NEC Corporation;** (7205520)  
7-1 Shiba 5-chome; Minato-kuTokyo; (JP)  
(Applicant designated States: all)

**Inventor:**

- **Shiraki, Takashi**  
c/oNEC Corporation7-1, Shiba 5-chome,Minato-ku; Tokyo; (JP)

The PoS server 21, the WB server 22 and the IM server 23 that received the session initiation...

15/3K/6 (Item 2 from file: 348) [Links](#)

EUROPEAN PATENTS

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01958895

**I/O control apparatus, POS system and printing apparatus including the I/O control apparatus, and a data relay processing method for the I/O control apparatus**

Eingangs-/Ausgangssteuerungsgerät, Verkaufsstellensystem und Drucker mit dem

Eingangs-/Ausgangssteuerungsgerät, und Datenübertragungsverfahren für das Eingangs-/Ausgangssteuerungsgerät

Appareil de controle d'entree/sortie, systeme de point de vente et imprimante comportant l'appareil de controle d'entree/sortie, et methode de relais de donnees pour l'appareil de controle d'entree/sortie

**Patent Assignee:**

- **SEIKO EPSON CORPORATION;** (2132631)  
4-1, Nishishinjuku 2-Chome; Shinjuku-ku, Tokyo 163-0811; (JP)  
(Applicant designated States: all)

**Inventor:**

- **Nobutani, Tsutomu**  
Seiko Epson Corporation 3-3-5, Owa; Suwa-shi Nagano-ken 392-8502; (JP)

**Legal Representative:**

- **Hoffmann, Eckart (5571)**  
Patentanwalt, Bahnhofstrasse 103; 82166 Grafelfing; (DE)

	Country	Number	Kind	Date	
Patent	EP	1580704	A2	20050928	(Basic)
	EP	1580704	A3	20051123	
Application	EP	2004030414		20041222	
Priorities	JP	200489403		20040325	

**Designated States:**

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LI; LT;  
LU; MC; NL; PL; PT; RO; SE; SI; SK; TR;

**Extended Designated States:**

AL; BA; HR; LV; MK; YU;

**International Patent Class (V7):** G07G-001/14; G06F-017/60**Abstract Word Count:** 179

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200539	2445
SPEC A	(English)	200539	10632
Total Word Count (Document A) 13077			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 13077			

**Specification:** ...1 for receiving purchased product input data from the input device 32; a product information **query** unit 38-2 for **querying** the **POS server** 40 for price and other product information based on the product code or other input...30 receives purchased-product information from the I/O control apparatus 12 (S301), the **POS terminal** 30 sends a product information **query** to the **POS server** 40 (S301).

When the **POS server** 40 receives the **query** (S401), the **POS server** 40 retrieves the product information and sends the information to the **POS terminal** 30 (S402...

15/3K/7 (Item 3 from file: 348) [Links](#)

EUROPEAN PATENTS

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01773058

**Information providing apparatus, information receiver, information providing program, information receiving program and wireless communication apparatus**

Informationsbereitstellungsgerat, Informationsempfanger, Informationsbereitstellungsprogramm,

Informationsempfangerprogramm und drahtloses Kommunikationsgerat

Dispositif fournisseur d'informations, recepteur d'information, programme fournisseur d'informations, programme recevant des informations et appareil de communication sans fil

**Patent Assignee:**

- **Kabushiki Kaisha Toshiba;** (2077102)  
1-1, Shibaura 1-chome, Minato-ku; Tokyo 105-8001; (JP)  
(Applicant designated States: all)

**Inventor:**

- **Sugikawa, Akihiko, Intellectual Property Division**



Toshiba Corporation, 1-1 Shibaura 1-chome, Minato-ku; Tokyo; (JP)

**Legal Representative:**

• **Maury, Richard Philip (52804)**

MARKS & CLERK, 57-60 Lincoln's Inn Fields; London WC2A 3LS; (GB)

	Country	Number	Kind	Date	
Patent	EP	1445894	A2	20040811	(Basic)
Application	EP	2004250718		20040210	
Priorities	JP	200332801		20030210	

**Designated States:**

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;  
NL; PT; RO; SE; SI; SK; TR;

**Extended Designated States:**

AL; LT; LV; MK;

**International Patent Class (V7):** H04L-012/28 **Abstract Word Count:** 119

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200433	1461
SPEC A	(English)	200433	12406
Total Word Count (Document A) 13867			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 13867			

**Specification:** ...connected to the register control unit 26.

The cash register 1 shown in FIG. 1 **inquires** of the **POS server 5**, which is connected to the cash register 1 via the LAN card 10 and... ..sent from the cash register 1.

By the way, the cash register 1 may not **inquire** of the **POS server 5** whenever a customer purchases a commodity, but may store amount of money information of...

Publication: English  
Procedural: English  
Application: Japanese

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200435	3195
SPEC A	(English)	200435	16125
Total Word Count (Document A) 19320			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 19320			

**Specification:** ...terminal sub-control apparatus may store said dealing information on a local terminal which said **POS server** controls. When said transmitting unit transmits a **demand** of said dealing information received and stored from local terminals other than the local terminal concerned among said local terminals which said **POS server** controls, said transmitting unit may retransmit said **demand** by making to have not received said response from said local terminal sub-control apparatus... ...local terminals with a plurality of control apparatuses 210, when controlling a plurality of local **terminals** 300. In this way, the **POS server** 100 can response **request** from local **terminal** 300 on real time, even when there are many local terminals 300 to be controlled...Effect of the Invention

According to this invention, clearly from the above-mentioned explanation, a **POS server** can response immediately to a **demand** from a local **terminal**. Moreover, a low cost POS system can be offered.

**Claims:** ...second local terminal at least one from said third and fourth control apparatus.

11. The **POS server** according to claim 10, wherein, when a **demand** of information about said dealing information other than the local terminal concerned is received from... ...said plurality of local terminals, said fifth control apparatus transmits said dealing information which said **demand** shows to said local **terminal**.

12. The **POS server** according to claim 8 or 9, further comprising:

said third and fourth control apparatus which... ...fourth local terminal at least one from said third and fourth control apparatus.

13. The **POS server** according to claim 12, wherein, when a **demand** of information about said dealing information other than the local terminal concerned is received from... ...said plurality of local terminals, said fifth control apparatus transmits said dealing information which said **demand** shows to said local **terminal**.

14. The **POS server** according to any of claims 1 to 12; wherein said first control apparatus transmits a... ...local terminal sub-control apparatus stores said dealing information on the local terminal which said **POS server** controls, when said transmitting unit transmits a **demand** of said dealing information received and stored from local terminals other than the local terminal...

15/3K/9 (Item 5 from file: 348) [Links](#)

EUROPEAN PATENTS

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**Patent Assignee:**

- **FUJITSU LIMITED; (211463)**  
1-1, Kamikodanaka 4-chome, Nakahara-ku; Kawasaki-shi, Kanagawa 211-8588; (JP)  
(Applicant designated States: all)

**Inventor:**

- **Ho, Denny, Fujitsu Limited**  
1-1, Kamikodanaka 4-chome, Nakahara-Ku; Kawasaki-shi, Kanagawa 211-8588; (JP)

**Legal Representative:**

- **Mohun, Stephen John (76153)**  
Haseltine Lake & Co., Imperial House, 15-19 Kingsway; London WC2B 6UD; (GB)

	Country	Number	Kind	Date	
Patent	EP	1150234	A1	20011031	(Basic)
Application	EP	2001300439		20010118	
Priorities	JP	2000129207		20000428	

**Designated States:**

DE; FR; GB;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

**International Patent Class (V7): G06F-017/60** Abstract Word Count: 112

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200144	1394
SPEC A	(English)	200144	4921
Total Word Count (Document A) 6315			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 6315			

**Specification:** ...received. The DM open information managing unit 302 sends DM open information corresponding to an **inquiry** from the **POS server** device 106 (see Fig. 1) of the store 102.

The customer master managing unit 303... ..In addition, the offer information managing unit 304 sends relevant offer information corresponding to an **inquiry** from the **POS server** device 106 (see Fig. 1) of the store 102 (at step

209 shown in Fig...offer information replying function 405 is a function for sending relevant offer information to an **inquiry** from the **POS server** device 106 (see Fig. 1) of the store 102.

A purchased commodity information collecting function... ..commodities (namely, the determined result at step 502 shown in Fig. 5 is Yes), the **POS server** device 106 **inquires** the customer master managing unit 303 of the FSP server device 104 with a key... ..number is a DM recipient (namely, the determined result at step 504 is Yes), the **POS server** device 106 **inquires** the DM open information managing unit 302 of the FSP server device 104 with a

15/3K/13 (Item 9 from file: 348) [Links](#)

EUROPEAN PATENTS

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01015154

**Point-of-sale system including isolation layer**

Kassenterminalsystem mit einer isolierenden Softwareschnittstelle

Système de point de vente avec une couche logicielle d'isolation

**Patent Assignee:**

- **NCR INTERNATIONAL INC.;** (1449480)  
1700 South Patterson Boulevard; Dayton, Ohio 45479; (US)  
(Applicant designated States: all)

**Inventor:**

- **Goodwin, John Coker, III**  
2306 Westfork Court; Suwanee, Georgia 30024; (US)

**Legal Representative:**

- **Cleary, Fidelma et al (85871)**  
International IP Department NCR Limited 206 Marylebone Road; London NW1 6LY; (GB)

	Country	Number	Kind	Date	
Patent	EP	910030	A2	19990421	(Basic)
	EP	910030	A3	20010214	
Application	EP	98307374		19980911	
Priorities	US	949410		19971014	

**Designated States:**

BE; DE; FR; GB; NL;

**Extended Designated States:**

AL; LT; LV; MK; RO; SI;

International Patent Class (V7): G06F-017/60Abstract Word Count: 104

NOTE: 1

NOTE: Figure number on first page: 1

Type	Pub. Date	Kind	Text
Publication: English			
Procedural: English			
Application: English			
Available Text	Language	Update	Word Count
CLAIMS A	(English)	9916	283
SPEC A	(English)	9916	2401
Total Word Count (Document A) 2684			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 2684			

**Specification:** ...sends the price information to POS terminals 26A and 26B.

Host computer system 12 executes **POS server** software 16 and isolation layer 14. **POS server** software 16 processes **requests** from independent applications 23A and 23B. **POS server** software 16 includes system specific applications 17, such as price look-up (PLU) file software...

15/3K/14 (Item 1 from file: 349) [Links](#)

PCT FULLTEXT

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01444790

**CHECKING VALIDITY OF BARCODES IN MOBILE DEVICES THAT DISPLAY THE BARCODES FOR READING BY BARCODE READERS**

VERIFICATION DE LA VALIDITE DES CODES-BARRES DANS LES DISPOSITIFS MOBILES QUI AFFICHENT LES CODES-BARRES AFIN QU'ILS SOIENT LUS PAR DES LECTEURS DE CODES-BARRES

**Patent Applicant/Patent Assignee:**

- **CODEBROKER LLC**; 464 COMMON STREET, Suite 204, Belmont, MA 02478  
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PCT FULLTEXT

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01062301

**CUSTOMIZED MESSAGING ON POINT-OF-SALE SYSTEMS**

**MESSAGERIE PERSONNALISEE SUR DES SYSTEMES DE TERMINAUX DE POINTS DE VENTE**

**Patent Applicant/Patent Assignee:**

- **GAZELLE SYSTEMS INC**; 377 Elliot Street, Newton Upper Falls, MA 02464  
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(Designated only for: US)
- **HANZL John**; 72 East Dedham Street, Loft 3B, Boston, MA 02118  
US; US(Residence); US(Nationality)  
(Designated only for: US)
- **MERCURI Marc**; 45 Rogers Park Avenue, Apartment #2, Brighton, MA 02135  
US; US(Residence); US(Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

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- **MERCURI Marc**  
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**Legal Representative:**

- **FASSE J Peter(agent)**  
Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110; US;

	Country	Number	Kind	Date
Patent	WO	200391931	A1	20031106
Application	WO	2003US12980		20030424
Priorities	US	2002132842		20020425

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;

FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 5738

**Detailed Description:**

...particular set of credit card numbers has been seen before. The POS interface 43 then **queries** the **POS server 42** for selected data associated with the transaction, hereafter referred to as "transaction data."  
If...

15/3K/18 (Item 5 from file: 349) [Links](#)

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01035144

**METHOD AND SYSTEM FOR PROVIDING MULTIPLE SERVICES VIA A POINT-OF-SALE PORTAL ARCHITECTURE**

PROCEDE ET SYSTEME POUR FOURNIR PLUSIEURS SERVICES PAR L'INTERMEDIAIRE D'UNE ARCHITECTURE DE PORTAILS DE POINTES DE VENTE

**Patent Applicant/Patent Assignee:**

- **VISA U S A INC;** 123 Mission Street, San Francisco, CA 94105  
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**Legal Representative:**

- **NG Horace(et al)(agent)**  
TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA

94111-3834; US;

	Country	Number	Kind	Date
Patent	WO	200365178	A2-A3	20030807
Application	WO	2003US3169		20030130
Priorities	US	2002353800		20020130
	US	2002146551		20020514

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 4400

**Detailed Description:**

...manages dialogs for the POS device and a services syndication hub that aggregates various services **requested** by the in-store appliance server. The **POS** Portal employs Internet connectivity, network and system security, and universal access control. The use of ...

15/3K/19 (Item 6 from file: 349) [Links](#)

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01008766

**POS SYSTEM, POS SERVER, SHOP TERMINAL, SALE MANAGING METHOD, AND RECORDED MEDIUM**

SYSTEME POS, SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT

**Patent Applicant/Patent Assignee:**



- **KABUSHIKI KAISHA VISUAL JAPAN**; 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051  
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JP; JP(Residence); JP(Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

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**Legal Representative:**

- **TAKINO Hideo(et al)(agent)**  
4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku, Tokyo 150-0013; JP;

	Country	Number	Kind	Date
Patent	WO	200338774	A1	20030508
Application	WO	2001JP9598		20011101
Priorities	WO	2001JP9598		20011101

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

Publication Language: Japanese

Filing Language: Japanese

Fulltext word count:

**English Abstract:**

...the transactions of commodities at a plurality of shops, capable of instantly responding to a **request** of a shop **terminal**. The **POS server** (100) is provided with a plurality of managing devices (210) connected with a plurality of...

15/3K/20 (Item 7 from file: 349) [Links](#)

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01008765

**POS SYSTEM, POS SERVER, SHOP TERMINAL, SALES MANAGING METHOD, AND RECORDING**

**MEDIUM**

SYSTEME ET SERVEUR POS, TERMINAL DE MAGASIN, PROCEDE DE GESTION DES VENTES ET SUPPORT D'ENREGISTREMENT

**Patent Applicant/Patent Assignee:**

- **KABUSHIKI KAISHA VISUAL JAPAN**; 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051  
JP; JP(Residence); JP(Nationality)  
(For all designated states except: US)
- **YAMADA Tokuhiro**; c/o Kabushiki kaisha VISUAL JAPAN, 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051  
JP; JP(Residence); JP(Nationality)  
(Designated only for: US)

**Patent Applicant/Inventor:**

- **YAMADA Tokuhiro**  
c/o Kabushiki kaisha VISUAL JAPAN, 3-12-3, Kanda Jinbocho, Chiyoda-ku, Tokyo 101-0051; JP;  
JP(Residence); JP(Nationality); (Designated only for: US)

**Legal Representative:**

- **TAKINO Hideo(et al)(agent)**  
4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku, Tokyo 150-0013; JP;

	Country	Number	Kind	Date
Patent	WO	200338773	A1	20030508
Application	WO	2001JP9600		20011101
Priorities	WO	2001JP9600		20011101

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

Publication Language: Japanese

Filing Language: Japanese

Fulltext word count:

**English Abstract:**

A POS server (100) for instantly responding to a request of a shop terminal and for managing the transactions of commodities at a plurality of shops. The POS server...

STIC Database Tracking Number: 238633

**To: MUSSA SHAAWAT**

**Location: KNX-5D20**

**Art Unit: 3627**

**Monday, July 16, 2007**

**Case Serial Number: 09/9765153**

**From: PAUL OBINIYI**

**Location: EIC3600**

**KNX-4B68 / KNX-4C25**

**Phone: (571)272-7734**

**paul.obiniyi@uspto.gov**

## Search Notes

Dear Examiner SHAAWAT:

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul



# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Karen Lehman, EIC 3600 Team Leader  
KNX 4A58, 571-271-3496

## Voluntary Results Feedback Form

➤ I am an examiner in Workgroup:  Example: 3620 (optional)

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600/PK5/Suite 804





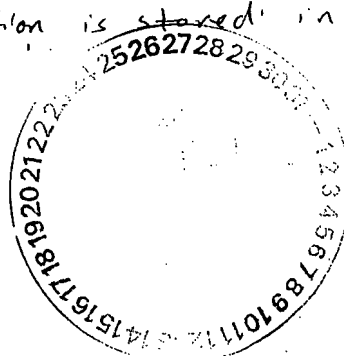
229251  
105/21  
RUS 11  
STIC EIC 3600  
Search Request Form  
SPE  
3627  
20633

Today's Date: 6/27/2007 Class/Subclass: What date would you like to use to limit the search?  
Priority Date: 11/30/2000 Other:

Name: Mussa Shaawat Format for Search Results (Circle One):  
AU 3627 Examiner # 80354 PAPER DISK EMAIL  
Room # SD20 Phone 2-2945 Where have you searched so far?  
Serial # 09/976,153 USP DWPI EPO JPO ACM IBM TDB  
IEEE INSPEC SPI Other \_\_\_\_\_

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Claim 1. more specifically:  
Consumer returning a merchandise to a chain store  
other than the one he initially bought it from.  
The Representative queries the store server from a POS terminal  
of return store and sends a cancel instruction to the initial  
POS<sup>Terminal</sup> and the corrected transaction is stored in the return  
POS terminal.  
g 06 f  
" g  
" g



STIC Searcher Paul Obinoyi Phone 27734  
Date picked up 07/11/07 Date Completed 07/16/07



10118466/9 Links

Dialog Global Reporter

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10118466 (THIS IS THE FULLTEXT)

**WARNING - ALLERGY ALERT -- UNDECLARED EGG IN GT CANNED VEGETABLE CONDENSED SOUP**

CANADA NEWSWIRE

March 17, 2000

**Journal Code:** WCNW **Language:** English **Record Type:** FULLTEXT

**Word Count:** 182

OTTAWA, March 17 /CNW/ - The Canadian Food Inspection Agency (CFIA) is warning consumers allergic to egg not to consume GT brand canned vegetable condensed soup as it may contain egg not declared on the label.

The product is sold in 284 ml cans bearing a UPC 7422501929. This product was manufactured by Freddy Products Inc. of St. Hyacinthe, Quebec and distributed in the provinces of Ontario and Quebec.

Consumption of eggs can cause serious allergic reactions in individuals with an allergy to eggs. There have been no illnesses associated with this product.

Giant Tiger Stores are voluntarily removing the product from the marketplace. Consumers may return this product to the point of purchase for a refund.

The Canadian Food Inspection Agency is monitoring the effectiveness of the recall.

/For further information: Giant Tiger Stores, Don Bradley, Telephone: (613) 521-8222 (ext. 352); Canadian Food Inspection Agency (Ottawa), Mike Fleming (English), Telephone: (613) 225-2342 (ext. 3799), Pager: (613) 364-2002; Nicole Boucher-Steeves (French), Telephone: (506) 851-7930, Pager: (613) 368-1608. For information on receiving recalls by electronic mail, visit our website at [www.cfia-acia.agr.ca/](http://www.cfia-acia.agr.ca/) 18:15 ET

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**Descriptors:** Company News

**Country Names/Codes:** Canada (CA )

**Regions:** Americas; North America; Pacific Rim

**Province/State:** Quebec; Ontario

? t/3,k/all

29/3,K/1 (Item 1 from file:15) Links

ABI/Inform(R)

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02108226 66587957

Ready for the returns?

Rosen, Cheryl

Informationweek n819 pp: 22-24

Jan 8, 2001

ISSN: 8750-6874 Journal Code: IWK

Word Count: 1738

Text:

...and BlueLight issues credits or sends online checks the same day to customers who returned merchandise to the stores. BlueLight doesn't offer cash back to consumers at Kmart's cash registers, but Kmart customers are returning online purchases to the store instead of through the mail by a margin of about...

*Handwritten notes:*  
on 8/20/01  
[scribbles]  
[scribbles]

## **Abstract:**

The busiest season for online sales is over and E-retailers now must clean up the mess: receiving, restocking, and reselling thousands of returned items and quickly issuing credits to their customers. The good news is that although returns will continue into February, early reports indicate that, so far anyway, many online merchants are doing a good job of managing the process. Returns are so complicated that many E-retailers simply outsource the whole business to specialists. This has led to a new breed of Internet sites that focus on taking in returns, paying the consumer and the merchant quickly, and disposing of the goods online through auction or discount Web sites and portals.

## **Text:**

The busiest season for online sales is over. Like other post-holiday revelers, E-retailers now must clean up the mess: receiving, restocking, and reselling thousands of returned items and quickly issuing credits to their customers.

Getting it right is important, since 42% of online shoppers say they would buy more on the Internet if the return process were easier, according to Jupiter Media Metrix. The good news is that although returns will continue into February, early reports indicate that, so far anyway, many online merchants are doing a good job of managing the process.

Nordstrom Inc., for example, has tailored its IT systems to let customers return online purchases at its stores. The Seattle department-store chain says returns have been running smoothly, despite the fact that it expects 30% of its online apparel sales to be returned. Nordstrom has a separate IT system for its Internet and catalog operations, and employees use separate terminals to handle such returns made at stores. The data feeds into the online operation's inventory, order, and financial systems, always remaining separate from store IT systems.

The result: Sales tax isn't automatically calculated into the return, an issue because most online purchases aren't taxed, while in-store registers are programmed to add sales tax when calculating the value of a return. And the store doesn't get hit with the revenue loss. The returned products then are sent to the Cedar Rapids, Iowa, catalog/online fulfillment center or are retained by the store for resale if the inventory is needed. "This is a core part of our way of doing business," says Paul Onnen, chief technology officer at Nordstrom.com. "We've been successful in meeting customer expectations."

Today, about 58% of online retailers let customers return their purchases to brick-and-mortar stores, according to a study completed last week by Accenture,, formerly Andersen Consulting. In the process, they've addressed some pressing issues, including sales-tax policies, which part of the business takes the hit for the returns, and where the returns will be



resold. But many other E-retailers, including Toys "R" Us and Victoria's Secret, don't have IT systems in place to support in-store returns for goods purchased online. For their customers, the only option is to ship back unwanted items—a process that can be a long, costly, and frustrating experience. A few companies are trying to make it easier with outsourced solutions that track and resell goods.

About 5.6%, or \$569 million, of all goods bought online this holiday season are expected to be returned-- about twice the volume as last year, according to figures from the Boston Consulting Group and Goldman Sachs. Inbound packages cost two to three times more to handle than outbound ones because employees must inspect the return, repackage it, credit the customer, and put the item back into inventory, says David Schatsky, a Jupiter analyst.

**CHILLING OUT:** Senior VP Hullinger can enjoy a measure of downtime after the hectic holiday shopping season because Egghead.com outsources its returns to ReturnBuy.com.

**SMOOTH SAILING:** Nordstrom has experienced few problems with returns of online merchandise even though it expects 30% of all online apparel sales to be returned, says CTO Onnen. Nordstrom "has been successful in meeting customers' expectations with returns," he adds.

Returns can eat up 30% to 35% of potential profits, says Gartner research director Geri Spieler. "Every time a human reads the information and rekeys it into a system, the cost goes up and so does the opportunity for error," she says. Online sites average six to eight human touchpoints in the returns process. "If you handle reverse logistics poorly, you'll find that the cost of disposing of products is going to quickly outrun any revenue that you'll ever realize," says Alex McNealey, director of operations for Bluelight.com LLC, an online retailer that's partly owned by Kmart Corp.

Still, most online retailers haven't invested enough resources in reverse logistics to make returning merchandise hassle-free, Schatsky says. "Online retailers know how important the returns process is, but they still haven't put all the resources into it that they have in other places," he says. Although 51% of online retailers implemented new fulfillment systems last year, only 29% revamped their return processes and systems, according to Jupiter. Even sites with fully electronic fulfillment processes "revert to the horse and buggy for reverse logistics and do everything manually," Gartner's Spieler says.

That helps explain why consumers will spend 35% more time returning goods bought online vs. from a catalog, according to Accenture. Too few E-retailers provide preprinted return labels or instructions, and they require that returns be pre-approved twice as often as catalog companies.

Like Nordstrom, Borders Group Inc. and Kmart have avoided such problems with flexible return policies that permit online returns at their retail outlets. Borders, 11, Ann Arbor, Mich., uses software from Brightware Inc. and Epiphany Inc. to track orders regardless of the channel or reason for the return. Because Borders' online unit doesn't operate separately, its stores don't have to worry about returns affecting their bottom line. Each store's point-of-sale system can figure out what the sales tax would have

been at the place where the item was purchased, then refund only the appropriate amount.

"Virtually anything in salable condition can be returned at any Borders store," says Mary Jean Raab, a senior VP in charge of channel convergence. Returns stay at the store for resale, and online customers get a store credit; if they return the item to the online site, they can get a refund. BlueLight.com's customers can take unwanted merchandise back to Kmart's 2,000 stores. BlueLight shares Kmart's reverse-logistics processing network, but the two units keep their data separate. Data on returns is batch-processed once a day and entered into the order-management system. There, sales are matched back to the original order data, and BlueLight issues credits or sends online checks the same day to customers who returned merchandise to the stores. BlueLight doesn't offer cash back to consumers at Kmart's cash registers, but Kmart customers are returning online purchases to the store instead of through the mail by a margin of about three to one.

Still, not all E-retailers are willing or able to handle in-store returns. Toysrus.com formed an alliance with Amazon.com Inc., giving the latter full control of logistics for the toy retailer. "They had some logistics issues to solve, and we were able to solve them," an Amazon spokesman says. Toysrus.com accepts returns only through Amazon's three-step mail-in process. Customers select a reason why they're sending something back, print out a postage-paid and bar-coded return label, and attach it to the package. If the return is because of the company's error, the retailer will absorb the cost of the return postage; if not, it will deduct the cost from the customer's refund.

Similarly, Buy.com Inc. lets customers fill out a template of information on its site, including how they paid for the item, the order number, the reason for the return, and whether they want an exchange or a credit.

Returns are so complicated that many E-retailers simply outsource the whole business to specialists. This has led to a new breed of Internet sites that focus on taking in returns, paying the consumer and the merchant quickly, and disposing of the goods online through auction or discount Web sites and portals.

Egghead.com Inc. is using an outsourced service from ReturnBuy.com Inc. In the past, Egghead returned much of its computer and electronics merchandise to the original manufacturers. "This year, there's been a trend for the big manufacturers to push product off on us with no return privileges," says senior VP of sales and operation Norm Hullinger, who adds that higher sales will result in more returns this year.

That convinced Egghead to try reverse-logistics outsourcer ReturnBuy.com. "ReturnBuy is helping us by taking the product off of our hands," Hullinger says. "It's actually generating more cents on the dollar for us, because returns are its core competency. We understand returns, but we'd rather focus our resources on selling computers and related equipment."

ReturnBuy accepts the returns, credits the customers, and resells the items, charging Egghead \$2 to \$20 per item, plus a 10% to 50% commission.

MuseumCompany.com, which sells reproductions from museums, outsourced fulfillment and returns to SubmitOrder.com Inc., using return labels that come with every purchase. Says MuseumCompany VP of operations Ned Crosby, "It's important to make sure the customer is credited promptly, and that the goods get back into inventory and are available for sale again quickly" If not, some online retailers may not be around long enough to get the process right next time. -WITH AARON RICADELA, JEFF SWEAT, AND RICK WHITING

#### Shippers Find That Reverse Logistics Add Up

Shipping companies and the U.S. Postal Service see dollar signs when it comes to reverse logistics-and they're teaming with retailers to make it easier for customers to return items.

United Parcel Service Inc. launched Electronic Returns last year. Customers visit UPS's Web site or the retailer's site to print out bar-coded labels. They can then drop off the returns at any UPS drop point or facility.

Buy.com Inc. is testing the service, which has cut one part of the return cycle time from several days to just a few minutes, says Travis Fagan, Buy.com's VP of customer support. Previously, Buy.com customers had to call and request a return shipping label, which was mailed; now, they can just print one. The service has been handling about two-thirds of Buy.com's holiday returns, says VP of operations Tom Wright, who expects to see holiday returns coming in through February. "If we're not taking [toll-free] calls that cost \$6 or \$8 each and returns are being processed in two or three days, it has to be more efficient," Wright says.

A similar program from Federal Express, FedEx NetReturn, lets consumers print out return labels at home and drop off packages at any FedEx location. About 150 companies use the service.

The U.S. Postal Service offers a similar service, which is used by Returns Online Inc. to handle returns for retailers. The postal service gives Returns Online its own ZIP code to speed delivery times. Customers can return goods to any mailbox or post office using a bar-coded label they print out at Returns Online's Web site. "The more people purchase over the Internet," says Shannon Hauser, Returns Online's chairman and CEO, "the more the problem of returns will come up." --CHERYL ROSEN

**THIS IS THE FULL-TEXT.**

Copyright CMP Media Inc. Jan 8, 2001

Rosen, Cheryl

Informationweek n819 pp: 22-24 Jan 8, 2001 CODEN: INFWE4 ISSN: 8750-6874 Journal Code: IWK  
Document Type: Periodical; News Language: English RECORD TYPE: Fulltext Length: 3 Pages Word

**Count: 1738**

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; d s

Set	Items	Description
S1	523864	S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER? ?) (3N) ((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR BRING??? OR BROUGHT) () (IN OR BACK)) OR EXCHANG???)
S2	4933239	S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT???) (5N) (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALE? ? OR SUPPLIER? ? OR FRANCHISE? ?)
S3	236874	S S2(7N) (CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4	5871257	S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALE? ? OR SUPPLIER? ? OR FRANCHISE? ?) (7N) (SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR DISTINCT OR APART)
S5	1841739	S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?) (7N) (COMPUTER? ? OR MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6	495532	S POINT(3N) (SALE? ? OR TERMINAL? ?) OR POS
S7	663892	S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR POINT(2W) (SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT) () (TERMINAL? ? OR COMPUTER? ? OR STATION? ?))

S8 2116082 S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT???  
 OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???) (7N) (COMMAND? ? OR INSTRUCTION? ? OR  
 SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN  
 OR PLANS OR GUIDELINE? ?)  
 S9 61439 S S8(7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR  
 TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR  
 COMMUNICAT??? OR EXCHANG???)  
 S10 2 S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR  
 MAKIYA(2N)J?)  
 S11 4759 S S1(7N)S2  
 S12 8 S S11(7N)S6  
 S13 6 RD (unique items)  
 S14 10 S S11(7N)S7  
 S15 8 RD (unique items)  
 S16 2 S S15 NOT S13  
 S17 250 S S1(7N)S3  
 S18 0 S S17(7N)S7  
 S19 262 S S1(7N)S9  
 S20 0 S S19(10N)S7  
 S21 1 S S19 AND S7  
 S22 1 S S21 NOT (S13 OR S16)  
 S23 25 S S7(7N)S9  
 S24 0 S S23 AND S1  
 S25 0 S S23 AND S2  
 S26 742 S S1(7N)S7  
 S27 17 S S26(15N)S2  
 S28 12 RD (unique items)  
 S29 5 S S28 NOT (S21 OR S13 OR S16)  
 S30 1 S S26(7N)S5  
 S31 1 S S30 NOT (S29 OR S21 OR S13 OR S16)  
 S32 0 S S26(7N)S8  
 S33 143 S S26(3N) (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR  
 ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT???)  
 S34 106 RD (unique items)  
 S35 81 S S34 NOT PY>2000  
 S36 2 S S35 AND S5

?

? t /3,k/all

13/3,K/1 (Item 1 from file:15) Links

ABI/Inform(R)

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03189540 1036268181

**B2B commerce and its implications for the buyer-supplier interface**

Humphreys, Paul; McIvor, Ronan; Cadden, Trevor

Supply Chain Management v11n2 pp: 131-139

2006

ISSN: 1359-8546 Journal Code: SCMG

Word Count: 8189

**Text:**

...company that has successfully employed this technology is Wal-Mart. Wal-Mart stores data on point-of-sale, inventory, products in transit, market statistics, customer demographics finance, product returns, and supplier performance (Turban et al, 2000). The data is used for three broad areas of decision...



13/3,K/2 (Item 2 from file:15) [Links](#)

ABI/Inform(R)

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03063911 1024087851

## **EVOLUTION IN BUSINESS FORECASTING: EXPERTS SHARE THEIR JOURNEY**

Anonymous

Journal of Business Forecasting v25n1 pp: 6, 8,10-15, 28

Spring 2006

**Journal Code:** JBT

**Word Count:** 6718

**Text:**

...in the demand management arena is that customers are placing more and more responsibility on vendors to ensure product availability through arrangements such as Vendor Managed Inventory programs. In return, customers have agreed to make available point -of-sale or point-of-usage data to vendors, which they could use in their forecasting efforts. Collaborative Planning...

13/3,K/3 (Item 3 from file:15) **Links**

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01358772 00-09759

**Squeezing more value from data**

Foley, John

Informationweek n609 pp: 44

Dec 9, 1996

**ISSN: 8750-6874 Journal Code: IWK**

**Word Count: 455**

**Text:**

...time," says Rick Dalzell, Wal-Mart VP of application development.

The systems house data on point of sale, inventory, products in transit, market statistics, customer demographics, finance, product returns, and supplier performance. The data is used for three broad areas of decision support: analyzing trends, managing

13/3,K/4 (Item 1 from file:16) [Links](#)

Gale Group PROMT(R)

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04725793 **Supplier Number: 46957401 (USE FORMAT 7 FOR FULLTEXT)**

**Squeezing More Value From Data**

InformationWeek , p 44

Dec 9 , 1996

**Language:** English **Record Type:** Fulltext

**Document Type:** Magazine/Journal; Tabloid ; General Trade

**Word Count:** 457

...time," says Rick Dalzell, Wal-Mart VP of application development.

The systems house data on point of sale, inventory, products in transit, market statistics, customer demographics, finance, product returns, and supplier performance.

The data is used for three broad areas of decision support: analyzing trends, managing...

13/3,K/5 (Item 1 from file:148) [Links](#)

Gale Group Trade & Industry DB

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09166981    **Supplier Number:** 18944509 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Wal-Mart ups the pace. (increases emphasis on IT to increase profits) (includes related articles on Wal-Mart's use of the Internet to improve the accuracy of sales forecasts, data warehousing, and IS staff recruitment) (Company Operations)(Cover Story)**

Caldwell, Bruce

InformationWeek , n609 , p37(7)

Dec 9 , 1996

**Document Type:** Cover Story

ISSN: 8750-6874

**Language:** English

**Record Type:** Fulltext; Abstract

**Word Count:** 4674    **Line Count:** 00366

...time," says Rick Dalzell, Wal-Mart VP of application development.

The systems house data on point of sale, inventory, products in transit, market statistics, customer demographics, finance, product returns, and supplier performance.

The data is used for three broad areas of decision support: analyzing trends, managing...

13/3,K/6 (Item 1 from file:20) [Links](#)

Dialog Global Reporter

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01445104 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**BC Telecom Announces Dividend Increase**

CANADIAN CORPORATE NEWS

April 28, 1998

**Journal Code: WCCN Language: English Record Type: FULLTEXT**

**Word Count: 147**

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

BC TELECOM is Canada's second largest telecommunications company, offering a range of products and services to customers throughout British Columbia. BC TELECOM shares are listed on the Toronto, Montreal and Vancouver stock exchanges. The share symbol is BCT.

For more information about BC TELECOM, please visit our web...

? t/3,k/all

16/3,K/1 (Item 1 from file:20) Links

Dialog Global Reporter

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25554692 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Yuba City, Calif., Supermarket Recalls Ground Beef**

Tom Nadeau

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS ( SACRAMENTO BEE - CALIFORNIA)

October 16, 2002

**Journal Code: KSAB Language: English Record Type: FULLTEXT**

**Word Count: 119**

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...and check their refrigerators for them. If found, the items should be returned to the point of purchase, the USDA spokesman said.

Perhaps a dozen customers returned beef products to the Franklin Road store, but none was among the identified items, assistant store manager Phil Henderson said.

"But people...

16/3,K/2 (Item 2 from file:20) [Links](#)

Dialog Global Reporter

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10118466 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**WARNING - ALLERGY ALERT -- UNDECLARED EGG IN GT CANNED VEGETABLE CONDENSED SOUP**

CANADA NEWSWIRE

March 17, 2000

**Journal Code: WCNW Language: English Record Type: FULLTEXT**

**Word Count: 182**

**(USE FORMAT 7 OR 9 FOR FULLTEXT)**

...in individuals with an allergy to eggs. There have been no illnesses associated with this product.

Giant Tiger Stores are voluntarily removing the product from the marketplace. Consumers may return this product to the point of purchase for a refund.

The Canadian Food Inspection Agency is monitoring the effectiveness of the recall...

? t/3,k/all

22/3,K/1 (Item 1 from file:15) Links

ABI/Inform(R)

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03113462 929443751

**Development and empirical test of a grocery retail instore logistics model**

Kotzab, Herbert; Teller, Christoph

British Food Journal v107n8 pp: 594-605

2005

ISSN: 0007-070X Journal Code: BFJ

Word Count: 5182

**Text:**

...knowledge on the real availability in the store and out-of-stock-situations at the point of sale (POS).

The industrial initiative of Efficient Consumer Response Europe (ECRE) presented in 2003 additional sources for...

...of vertical partnerships between retailers and manufacturers in form of superior logistics strategies such as ECR or category management are suggested as success factors for the industry (e.g. Fearne, 1998...

...as presented below (Toporowski, 1996; Kotzab, 2000; Schnedlitz and Teller, 1999):

- (1) Point of destination: point of sale - shelves.
- (2) Point of delivery: incoming dock of the retail outlet.
- (3) Objects: single stock keeping units and...

...on the related information flows. We believe that information technology (IT)-systems such as electronic point of sale (EPOS) connections with material or distribution resource planning systems (MRP/DRP) or the applications of radiofrequency...

...to generate re-ordering and replenishment.

(6) Processing of transaction. These activities refer to the exchange processes when end-users finally pay for their purchase. The dispatch of the products leads to replenishment activities and...International Journal of Logistics Management, Vol. 8 No. 1, pp. 1-13.

EAN-Austria (1997), ECR Handbuch Osterreich I (ECR Handbook Austria), EAN-Austria, Vienna.

ECRE (2003), "Optimal shelf availability", available at: [www.ecrnet.org](http://www.ecrnet.org)...



? t/3,k/all

29/3,K/1 (Item 1 from file:15) **Links**

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02108226 66587957

**Ready for the returns?**

Rosen, Cheryl.

Informationweek n819 pp: 22-24

Jan 8, 2001

**ISSN: 8750-6874 Journal Code: IWK**

**Word Count: 1738**

**Text:**

...and BlueLight issues credits or sends online checks the same day to customers who returned merchandise to the stores. BlueLight doesn't offer cash back to consumers at Kmart's cash registers, but Kmart customers are returning online purchases to the store instead of through the mail by a margin of about...

29/3,K/2 (Item 2 from file:15) [Links](#)

ABI/Inform(R)

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01868333 05-19325

**Benefits of E-CRM**

Anonymous

Sales & Marketing Management v151n8 pp: 2A-4A+

Aug 1999

ISSN: 0163-7517 **Journal Code:** SAL

**Word Count:** 1564

**Text:**

...end systems such as order processing and shipping. CyberCash also works with the company's CashRegister Service, which automates customer shipment and return processing. CyberCash functions come in a library based on the component object model (COM) and work with Site Server Commerce Edition. CyberCash functions also support Microsoft Transaction Server, a component of Windows NT...

29/3,K/3 (Item 1 from file:16) [Links](#)

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08201540 **Supplier Number: 68876615 (USE FORMAT 7 FOR FULLTEXT)**

**Ready For The Returns?(Company Business and Marketing)**

Rosen, Cheryl

InformationWeek , p 22

Jan 8 , 2001

**Language:** English **Record Type:** Fulltext Abstract

**Document Type:** Magazine/Journal ; General Trade

**Word Count:** 1492

...and BlueLight issues credits or sends online checks the same day to customers who returned merchandise to the stores. BlueLight doesn't offer cash back to consumers at Kmart's cash registers, but Kmart customers are returning online purchases to the store instead of through the mail by a margin of about....

29/3,K/4 (Item 2 from file:16) [Links](#)

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03740864 **Supplier Number:** 45309043

**Battery Makers Launch Recycling Effort: First large-scale program for nickel cadmium batteries involves manufacturers and retailers**

Dealerscope Merchandising , p 50

Feb 1 , 1995

**Language:** English **Record Type:** Abstract

**Document Type:** Magazine/Journal ; Trade

**Abstract:**

...to pay a licence fee that entitles them to display the RBRC logo on their products. The organization then asks retailers to buy products with their logo on them and provides the retailers with point-of-sale promotional literature to encourage the customers to return the dead batteries for recycling to the store where they were bought.

? t/3,k/all

31/3,K/1 (Item 1 from file:148) [Links](#)

Gale Group Trade & Industry DB

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07573097 **Supplier Number:** 15846859 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Upclose with the 1994 MVP quality award winners.(profiles of 11 top telemarketing industry executives)**  
**(Industry Achievers)**

Telemarketing , v13 , n4 ,p46(12)

Oct , 1994

ISSN: 0730-6156

**Language:** ENGLISH

**Record Type:** FULLTEXT

**Word Count:** 5848 **Line Count:** 00491

...manager; and 2) computer-generated purchase order forms were sent via Lexi BlastFax Program for customer signature; a tollfree return fax line was provided; only POs signed by an authorized contact were submitted to the client.

The Quality Vision: To achieve true quality, a firm must first admit that total quality...

? 1/3,k/all

36/3,K/1 (Item 1 from file:148) Links

Gale Group Trade & Industry DB

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09166981 **Supplier Number:** 18944509 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Wal-Mart ups the pace. (increases emphasis on IT to increase profits) (includes related articles on Wal-Mart's use of the Internet to improve the accuracy of sales forecasts, data warehousing, and IS staff recruitment) (Company Operations)(Cover Story)**

Caldwell, Bruce

InformationWeek , n609 , p37(7)

Dec 9 , 1996

**Document Type:** Cover Story

ISSN: 8750-6874

**Language:** English

**Record Type:** Fulltext; Abstract

**Word Count:** 4674 **Line Count:** 00366

...systems

Windows 3.1 on desktop, moving to Windows NT

Workstation; Unix and NT on servers

**Connectivity**

Satellite for 1,800 stores and frame relay for 1,100 stores exchange

35 Gbits ...than 65 million

Time between each Barbie sale: 2 seconds

Annual changes to in-store servers: 3,000

Daily queries to data warehouse: 10,000

Store-item combinations in daily sales forecasting: 50 million

Web...

...time," says Rick Dalzell, Wal-Mart VP of application development.

The systems house data on point of sale, inventory,

products in transit, market statistics, customer

demographics, finance, product returns, and supplier

performance. The data is used for three broad areas of decision support: analyzing...

36/3,K/2 (Item 2 from file:148) Links

Gale Group Trade & Industry DB

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07217960 **Supplier Number:** 14951222 (USE FORMAT 7 OR 9 FOR FULL TEXT )

**Computerizing inventory: a menu of choices. (bookstores)(includes related information on reasons for computerizing) (Directory)**

Stander, Bella

Publishers Weekly ,v241 , n12 , p 18(4)

March 21 , 1994

**Document Type:** Directory

ISSN: 0000-0019

**Language:** ENGLISH

**Record Type:** FULLTEXT; ABSTRACT

**Word Count:** 3220 **Line Count:** 00279

...563-1425. Contact: Joe Ingersoll, vice-president. Features: PICK operating system. Cash register ties into **computer**, so user at POS can **inquire** into accounts receivable, input orders or receive inventory. CRT can be converted to a register...company offers training seminars and user meetings. This year IBID will introduce BookBrowser, a multimedia **computer kiosk** linked to a store's inventory database, with which customers can search for books by title...5721.

Contact: Rick Berryman.

Features: Runs under UNIX. Online, multi-tasking, multi-store capability. Ordering,, **receiving**; **returns**; inventory search; non-book item tracking; online POS SuperStation, barcode scanning and printing; special orders; mailing lists and labels; reports; frontlist diskette import...

? show files

[File 344] **Chinese Patents Abs Jan 1985-2006/Jan**

(c) 2006 European Patent Office. Allrights reserved.

[File 347] **JAPIO Dec 1976-2007/Dec(Updated 070702)**

(c) 2007 JPO & JAPIO. All rights reserved.

[File 350] **Derwent WPIX 1963-2007/UD=200744-**

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*\*File 350: DWPI has been enhanced to extend content and functionality of the database. For more info, visit <http://www.diabg.com/dwpi/>.*

[File 371] **French Patents 1961-2002/BOPI 200209**

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*\*File 371: This file is not currently updating. The last update is 200209.*

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Set	Items	Description
S1	40050	S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER? ?) (3N) ((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR BRING??? OR BROUGHT) () (IN OR BACK)) OR EXCHANG???)
S2	121966	S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT???) (5N) (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE? ?)
S3	1444	S S2 (7N) (CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4	291541	S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE? ?) (7N) (SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR DISTINCT OR APART)
S5	878131	S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?) (7N) (COMPUTER? ? OR MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6	29649	S POINT(3N) (SALE? ? OR TERMINAL? ?) OR POS
S7	42234	S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR POINT(2W) (SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT) () (TERMINAL? ? OR COMPUTER? ? OR STATION? ?))
S8	211761	S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT??? OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???) (7N) (COMMAND? ? OR INSTRUCTION? ? OR SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN OR PLANS OR GUIDELINE? ?)
S9	13185	S S8 (7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR COMMUNICAT??? OR EXCHANG???)
S10	492	S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR MAKIYA(2N)J?)
S11	1	S S10 AND S1
S12	1488	S S1 AND S2



S13	21	S S12 AND S3
S14	2	S S13 AND S7
S15	2	S S14 NOT S11
S16	483	S S7 AND S1
S17	99	S S16 AND S2
S18	2	S S17 AND S3
S19	0	S S18 NOT S15
S20	28	S S17 AND S4
S21	5	S S10 AND S5
S22	4	S S21 NOT (S11 OR S15)
S23	1	S S17 AND S8
S24	1	S S23 NOT (S22 OR S11 OR S15)
S25	0	S S17 AND S9

? t /3,k/all

11/3,K/1 (Item 1 from file:350) [Links](#)

Derwent WPIX

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0012696122 *Drawing available*

WPI Acc no: 2002-547127/200258

XRPX Acc No: N2002-433160

**Point-of-sales system for retail store, has store server for transmitting transaction cancel instruction from other point-of-sales terminal to point-of-sales terminal performing transaction**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ENOKI E; **ENOKI S**; MAKIYA A; **MAKIYA J**

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020065727	A1	20020530	US 2001976153	A	20011015	200258	B
JP 2002230649	A	20020816	JP 2001115975	A	20010413	200269	E

Priority Applications (no., kind,date): JP 2000365866 A 20001130; JP 2001115975 A 20010413

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20020065727	A1	EN	20	12	
JP 2002230649	A	JA	11		

...Inventor: **ENOKI S**... ..**MAKIYA J** Original Publication Data by Authority...Inventor name & address: **Enoki, Shigeki**... ..**Makiya, Jun** ...**Original Abstracts:**corrected when an operator's input error is found or when a purchased product is returned by a customer, and an easy-to-operate POS system can thus be provided.

? t /3,k/all

15/3,K/1 (Item 1 from file:350) **Links**

Derwent WPIX

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0012276120 *Drawing available*

WPI Acc no: 2002-216832/200227

XRPX Acc No: N2002-166231

**Retail entertainment/applications distribution system which is capable of providing customer real-time access, usually via the Internet, to libraries of information or products stored in digital form**

Patent Assignee: CLARK J R (CLAR-I)

Inventor: CLARK J R

Patent Family ( 3 patents, 94 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001099061	A2	20011227	WO 2001US19661	A	20010619	200227	B
AU 200172958	A	20020102	AU 200172958	A	20010619	200230	E
AU 2001272958	A8	20051006	AU 2001272958	A	20010619	200612	E

Priority Applications (no., kind,date): US 2000212636 P 20000619

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001099061	A2	EN	10	3		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200172958	A	EN			Based on OPI patent	WO 2001099061
AU 2001272958	A8	EN			Based on OPI patent	WO 2001099061

...of providing customer real-time access, usually via the Internet, to libraries of information or products stored in digital form Alerting Abstract USE - Allows point-of-sale (POS) manufacturing (e.g. a kiosk in a retail outlet) to output Internet information e.g. ...of providing customer real-time access, usually via the Internet, to libraries of information or products stored in digital form .. Original Publication Data by AuthorityOriginal Abstracts: The present invention is a device that provides point-of-sale ("POS") manufacturing (such as a kiosk in a retail outlet) for outputting information obtained through the Internet or other transmission..... instant Retail Entertainment/Applications Distribution System ("READS") device has the capability to give the customer access, usually via the Internet, to libraries of information or products stored in digital form. These

accesses are serviced by remote or **local** computers, which act as servers of video, audio, textual, or any other possible representation form...

15/3,K/2 (Item 2 from file:350) Links

Derwent WPIX

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0007188398

WPI Acc no: 1995-231778/199530

XRPX Acc No: N1995-180709

**Object-oriented secure client server communications network -uses communication directory service with tree structure located in each node with shared libraries and service objects**

Patent Assignee: OBJECT TECHNOLOGY LICENSING CORP (OBJE-N); TALIGENT INC (TALI-N)

Inventor: PETTUS C E

Patent Family ( 3 patent s, 46 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1995017063	A1	19950622	WO 1994US3979	A	19940411	199530	B
AU 199473931	A	19950703	AU 199473931	A	19940411	199542	E
US 5594921	A	19970114	US 1993169346	A	19931217	199709	E

Priority Applications (no., kind,date): US 1993169346 A 19931217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1995017063	A1	EN	42	13		
National Designated States,Original	AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB HU JP KP KR KZ LK LU LV MG MN MW NL NO NZ PL PT RO RU SD SE SK UA UZ VN					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE					
AU 199473931	A	EN			Based on OPI patent	WO 1995017063
US 5594921	A	EN	22	13		

**Alerting Abstract** ...The server node **stores** a service **object** which has a network address for the server node and a reference to the stored network configuration information. The client node retrieves **stored** service **object** from **local** storage to set up a connection between the client node and the server node using... **Original Publication Data by Authority**...**Original Abstracts**:are supported by the underlying service.The communications directory service further includes shared libraries which **store** a service **object associated** with each **service** offered on the network. The service object, in turn, includes the service exchange address and... are supported by the underlying service. The communications directory service further includes shared libraries which **store** a service **object associated** with each service offered on the network. **The service object**, in turn, includes the service exchange address and communication link configuration information.A client desiring...**Claims**:with each corresponding service;(e) first apparatus located in the client node for retrieving **stored** service **object** from the communications directory service program in the client **node** and for dynamically configuring a protocol stack based on the stack definition included with the service

object... information about a user and authenticating the user with the service, the first apparatus further **including** means for **returning an access point to** a client application executing on the client node, the ~~access~~ point referencing a portion of...

? t /3,k/all

22/3,K/1 (Item 1 from file:350) [Links](#)

Derwent WPIX

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0012495424 *Drawing available*

WPI Acc no: 2002-442924/200247

XRPX Acc No: N2002-348871

**Point-of-sale terminal for change management in retail store, has processor to calculate discrepancy between amount of cash before and after transaction and transmits result to upper level device**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ENOKI E; ENOKI S; INOUE K

Patent Family ( 4 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020030101	A1	20020314	US 2001947533	A	20010907	200247	B
JP 2002092734	A	20020329	JP 2000279139	A	20000914	200247	E
JP 3680721	B2	20050810	JP 2000279139	A	20000914	200554	E
US 6981633	B2	20060103	US 2001947533	A	20010907	200603	E

Priority Applications (no., kind,date): US 2001947533 A 20010907; JP 2000279139 A 20000914

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 20020030101	A1	EN	23	13		
JP 2002092734	A	JA	9			
JP 3680721	B2	JA	12		Previously issued patent	JP 2002092734

...Inventor: ENOKI S ...NOVELTY - A memory, a keyboard and a display unit are **connected** to a **processor**. An interface **communicating** with an upper level device, is **connected** to the **processor**. The **processor** calculates a discrepancy between the amount of cash before and after transaction and sends the... Original Publication Data by Authority...Inventor name & address Enoki, Shigeki... Enoki, Shigeki **Original Abstracts:** Cash received from a customer is placed by cashier into a change device, which is **connected** to a point of sales **terminal**. The change device **counts** an amount of cash by its type, and stores a counted amount into a memory... Cash received from a customer is placed by cashier into a change device, which is **connected** to a point of sales **terminal**. The change device **counts** an amount of cash by its type, and stores a counted amount into a memory unit Further the change device... **Claims:** 1. A point of sales terminal comprising; a processor; an interface unit coupled to said processor, and **communicating** with an upper level device; a memory unit coupled to said processor; an input device coupled to said processor and inputting information; and a display unit coupled to said processor; wherein said processor calculates... point of sales terminal, comprising; a programmable computer processor; an interface unit coupled to said processor, and **communicating** with an upper level device; a memory unit coupled to said processor; an input device coupled to said processor and inputting information; a display unit coupled to said processor; a change device

storing **cash** for **change** and discharging an appropriate amount of change, wherein said processor controls the point of sales...



22/3,K/2 (Item 2 from file:350) Links

Derwent WPIX

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0008690835 *Drawing available*

WPI Acc no: 1998-230147/199820

XRFX Acc No: N1998-182297

**POS apparatus with customer terminal for e.g. shopping trolley - includes portable terminal calculator which performs a calculation process in accordance with first article information and outputs corresponding result for display**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: **ENOKI S**; KIKUCHI K; SAKAI K; SHIMIZU C; SUZUKI C

Patent Family ( 2 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5734839	A	19980331	US 1994251286	A	19940531	199820	B
JP 3134613	B2	20010213	JP 1993213600	A	19930830	200111	E

Priority Applications (no., kind,date): JP 1993213600 A 19930830

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5734839	A	EN	25	18		
JP 3134613	B2	JA	22		Previously issued patent	JP 07065239

Inventor: **ENOKI S...** **Alerting Abstract ...** A portable **terminal communication** device **transmits** the first article information stored in the memory in response to a customer operation. An adjustment **terminal** includes an adjustment **terminal communication** device for receiving the first article information **transmitted** by the portable **terminal communication** device. An adjustment **terminal** calculator performs an adjustment process based upon the received first article information from the portable... Original Publication Data by Authority. Inventor name & address: **ENOKI S...** **Enoki, Shigeki** **Original Abstracts:** A Point of Sale (POS) system includes a portable terminal for a customer and an adjustment POS terminal connected to the portable terminal in a retail store. The portable terminal includes an input unit for inputting article codes corresponding to goods selected by a customer... the article information which is temporarily stored in the storage unit to the adjustment POS terminal. The adjustment terminal includes a **communication unit** for receiving the article information which is sent from the portable terminal, and a calculation unit for performing... **Claims:** result, storage means for storing the first article information and the calculation result, and portable **terminal communication** means for **transmitting** the first article information stored in the storage means in response to a customer operation; and an adjustment terminal comprising: adjustment **terminal communication** means for receiving the first article information **transmitted** by the portable **terminal communication** means, and an adjustment terminal calculation means for performing an adjustment process based upon the received first article information from the portable terminal.>

22/3,K/3 (Item 3 from file:350) [Links](#)

Derwent WPIX

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0007210793 *Drawing available*

WPI Acc no: 1995-257972/199534

**Terminal equipment for retail store e.g. supermarket, department store - has second converter to convert high density bar code read by scanner, to transaction information which is transmitted to higher order appts.**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: ENOKI E; **ENOKI S**; SATO M; UCHIUMI K; UTSUMI K; YOSHINAGA S

Patent Family ( 3 patents, 2 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7160951	A	19950623	JP 1993307632	A	19931208	199534	B
US 6189781	B1	20010220	US 1994337222	A	19941107	200112	E
US 6460763	B1	20021008	US 1994337222	A	19941107	200269	E
			US 2000733034	A	20001211		

Priority Applications (no., kind,date): JP 1993307632 A 19931208

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 7160951	A	JA	9	10		
US 6460763	B1	EN			Continuation of application	US 1994337222
					Continuation of patent	US 6189781

...Inventor: **ENOKI S** Original Publication Data by Authority...Inventor name & address**Enoki, Shigeki**... **Enoki, Shigeki** ...**Claims:**printed on the receipt sheet, and a machine readable bar code pattern, respectively;a host**computer connected** over a network to each of the plural**terminal units**;each**terminal** unit, upon completion of a transaction, **transmitting** the corresponding specific transaction information over the network to the host**computer**; andthe host **computer managing transactions** of the plural **terminal** units, based on the **respective**, specific transaction information thereof**transmitted** thereto.

22/3,K/4 (Item 4 from file:350) [Links](#)

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0006784482 *Drawing available*

WPI Acc no: 1994-170351/199421

XRPX Acc No: N1994-134188

**Point-of-sale cash register data processing system for retail store - comprises several input units for reading product bar-codes contg. price data, which is transmitted to calculator-processor after completion of reading of all product bar-codes**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: **ENOKI S**; **HAKAMAZUKA K**; **SATO M**

Patent Family ( 4 patents, 3 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
GB 2273380	A	19940615	GB 199325273	A	19931210	199421	B
GB 2273380	B	19960626	GB 199325273	A	19931210	199629	E
JP 3064710	B2	20000712	JP 1992330820	A	19921211	200038	E
US 6108638	A	20000822	US 1993164800	A	19931210	200042	E

Priority Applications (no., kind,date): JP 1992330820 A 19921211

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
GB 2273380	A	EN	50	9		
GB 2273380	B	EN	1			
JP 3064710	B2	JA	11		Previously issued patent	JP 06195570

**...comprises several input units for reading product bar-codes contg. price data, which is transmitted to calculator-processor after completion of reading of all product bar-codes** Inventor: **ENOKI S**... Original  
Publication Data by Authority...Inventor name &address:**ENOKI S**... **ENOKI S**... **ENOKI S**... **Enoki, Shigeki**

t /3,k/all

24/3,K/1 (Item 1 from file:350) [Links](#)

Derwent WPIX

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0008977774 *Drawing available*

WPI Acc no: 1998-531634/199845

XRPX Acc No: N1998-414845

**Computerised shopping cart for continuous product recording - has cart with controller that weighs and reads product codes and stores product in base with checkout giving automated receipt**

Patent Assignee: FIORDELISI L (HOR-I)

Inventor: FIORDELISI L

Patent Family ( 9 patents, 24 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998042239	A2	19981001	WO 1998IT67	A	19980323	199845	B
AU 199867460	A	19981020	AU 199867460	A	19980323	199909	E
EP 923768	A2	19990623	EP 1998912702	A	19980323	199929	E
			WO 1998IT67	A	19980323		
BR 199804796	A	19991207	BR 19984796	A	19980323	200015	E
			WO 1998IT67	A	19980323		
IT 1299117	B	20000207	IT 1997RM165	A	19970325	200201	E
IT 1300499	B	20000503	IT 1998RM129	A	19980305	200206	E
EP 923768	B1	20020724	EP 1998912702	A	19980323	200256	E
			WO 1998IT67	A	19980323		
US 6435407	B1	20020820	WO 1998IT67	A	19980323	200257	E
			US 1998194026	A	19981119		
DE 69806717	E	20020829	DE 69806717	A	19980323	200264	E
			EP 1998912702	A	19980323		
			WO 1998IT67	A	19980323		

Priority Applications (no., kind,date): IT 1997RM165 A 19970325; IT 1998RM129 A 19980305

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1998042239	A2	EN	51	16		
National Designated States,Original	AU BR CA CN JP US					
Regional Designated States,Original	AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 199867460	A	EN			Based on OPI patent	WO 1998042239
EP 923768	A2	EN			PCT Application	WO 1998IT67

					Based on OPI patent	WO 1998042239
Regional Designated States, Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
BR 199804796	A	PT			PCT Application	WO 1998IT67
					Based on OPI patent	WO 1998042239
EP 923768	B1	EN			PCT Application	WO 1998IT67
					Based on OPI patent	WO 1998042239
Regional Designated States, Original	AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 6435407	B1	EN			PCT Application	WO 1998IT67
					Based on OPI patent	WO 1998042239
DE 69806717	E	DE			Application	EP 1998912702
					PCT Application	WO 1998IT67
					Based on OPI patent	EP 923768
					Based on OPI patent	WO 1998042239

...has cart with controller that weighs and reads product codes and stores product in base with checkout giving automated receipt Original Publication Data by Authority. **Original Abstracts:** cart (1) of new design which interconnects/disconnects to units for the insertion/storage of products upon manual command managed by the SHOPPING COMPUTER aimed at managing shopping problems and controlling all electronic functions... of the customer's operations, one emitting the intelligent multimedia commercial message, one for the exchange of data via ether with the outside, other: the mechanical cart is parked outside, whereas the insertion units within...

...**Claims:** system comprises a central system (22) for data exchange via ether / shopping data concentrator, a cash register (22f) control for issuing the receipt, a storage / distribution system control (20); the central system comprises an automatic payment counter (23... system comprises a central system (22) for data exchange via ether/shopping data concentrator, a cash register (22f) control for issuing a receipt, a storage/distribution system control (20); the central system... installed within the commercial area, and related orientation units.

show file

[File 348] **EUROPEAN PATENTS** 1978-2007/ 200728

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\*File 348: For important information about IPCR/8 and forthcoming changes to the IC= index, see **HELP NEWSIPCR**.

[File 349] **PCT FULLTEXT** 1979-2007/UB=20070712UT=20070705

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\*File 349: For important information about IPCR/8 and forthcoming changes to the IC= index, see **HELP NEWSIPCR**.

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Set	Items	Description
S1	50276	S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER? ?) (3N) ((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR BRING??? OR BROUGHT) () (IN OR BACK)) OR EXCHANG???)
S2	129364	S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT???) (5N) (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE? ?)
S3	3014	S S2(7N) (CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4	429006	S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE? ?) (7N) (SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR DISTINCT OR APART)
S5	359245	S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR??? OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?) (7N) (COMPUTER? ? OR MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR MICRO()PROCESSOR? ? OR TERMINAL? ?)
S6	34950	S POINT(3N) (SALE? ? OR TERMINAL? ?) OR POS
S7	44048	S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR POINT(2W)(SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT) () (TERMINAL? ? OR COMPUTER? ? OR STATION? ?))
S8	313881	S (CLOS??? OR STOP?OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT??? OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???) (7N) (COMMAND? ? OR INSTRUCTION? ? OR SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN OR PLANS OR GUIDELINE? ?)
S9	22488	S S8(7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR COMMUNICAT??? OR EXCHANG???)
S10	6	S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR MAKIYA(2N)J?)
S11	0	S S10 AND S1
S12	414	S S1(7N)S2
S13	21	S S12(7N)S3
S14	4	S S13 NOT AD>2000
S15	57	S S12(7N)S4
S16	1	S S15(7N)S7
S17	6	S S12(7N)S7
S18	5	S S17 NOT (S14 OR S16)

S19	144	S S1(7N)S7
S20	1	S S19(7N)S9
S21	1	S S20 NOT (S18 OR S14 OR S16)
S22	0	S S21(7N)S5
S23	6	S S19(3N) (S4:S5)
S24	6	S S23 NOT (S18 OR S14 OR S16)

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? t /3,k/all

14/3K/1 (Item 1 from file: 348) **Links**

**EUROPEAN PATENTS**

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01752676

**Systems and methods for secure transaction management and electronic rights protection**

Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz

Systemes et procedes de gestion de transactions securisees et deprotection de droits electroniques

**Patent Assignee:**

- **ELECTRONIC PUBLISHING RESOURCES, INC.;** (976840)  
460 Oakmead Parkway; Sunnyvale, CA 94086-4708; (US)  
(Applicant designated States: all)

**Inventor:**

- **Ginter, Karl L.**  
10404 43rd Avenue; Beltsville Maryland 20705; (US)
- **Shear, Victor H.**  
5203 Battery Lane; Bethesda Maryland 20814; (US)
- **Spahn, Francis J.**  
2410 Edwards Avenue; El Cerrito California 94530; (US)
- **van Wie, David M.**  
1250 Lakeside Drive; Sunnyvale California 94086; (US)

**Legal Representative:**

- **Smith, Norman Ian et al (36041)**  
fJ CLEVELAND 40-43 Chancery Lane; London WC2A 1JQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1431864	A2	20040623	(Basic)
	EP	1431864	A3	20050216	
Application	EP	2004075701		19960213	
Priorities	US	388107		19950213	

**Designated States:**

AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;  
IT; LI; LU; MC; NL; PT; SE;

**Related Parent Numbers: Patent (Application):**EP 861461 (EP 96922371)

**International Patent Class (V7):** G06F-001/00; G06F-017/60**Abstract Word Count:** 151

**NOTE:** 77



**NOTE: Figure number on first page: 77**

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total Word Count (Document A) 168379			
Total Word Count (Document B) 0			
Total Word Count (All Documents) 168379			

**Specification:** ...employed for the use of such content. A trusted organization can acquire information from content providers concerning the cost for content provided to a given VDE installation and/or user and...

14/3K/2 (Item 1 from file:349) [Links](#)

PCT FULLTEXT

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00566641

**METHOD AND APPARATUS FOR VERIFYING PRODUCT SALE TRANSACTIONS AND  
PROCESSING PRODUCT RETURNS**

PROCEDE ET APPAREIL POUR VERIFIER LES OPERATIONS DE VENTE DE PRODUITS ET POUR  
TRAITER LES RENVOIS DE PRODUITS

**Patent Applicant/Patent Assignee:**

- **NINTENDO OF AMERICA INC;**

;;

- **JUNGER Peter J;**

;;

	Country	Number	Kind	Date
Patent	WO	200030014	A1	20000525
Application	WO	99US26460		19991110
Priorities	US	98108170		19981113
	US	99119631		19990211

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 20033

**Detailed Description:**

...side portion 523 and the return side portion 521 may also be utilized.

After the **regional retailer return facility receives products for return** to the manufacturer, the return side portion 521 may access the manufacturer side portion...

. 14/3K/3 (Item 2 from file:349) [Links](#)

PCT FULLTEXT

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00391508

**AN AUTOMATED COMMUNICATIONS SYSTEM AND METHOD FOR TRANSFERRING  
INFORMATIONS BETWEEN DATABASES IN ORDER TO CONTROL AND PROCESS  
COMMUNICATIONS**

SYSTEME ET PROCEDE DE COMMUNICATIONS AUTOMATISES POUR LE TRANSFERT  
D'INFORMATIONS ENTRE DES BASES DE DONNEES A DES FINS DE COMMANDE ET DE TRAITEMENT  
DES COMMUNICATIONS

**Patent Applicant/Patent Assignee:**

- **INTERMIND CORPORATION;**

;;

	Country	Number	Kind	Date
Patent	WO	9732251	A1	19970904
Application	WO	97US3205		19970228
Priorities	US	96609115		19960229
	US	96722314		19960927

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 92326

**Detailed Description:**

...real time.

The next workload involved in communications relationships is when the parties need **exchange**, process, and **store** structured data. In a one-to-many communications relationship, a **common** example is a consumer...

14/3K/4 (Item 3 from file:349) [Links](#)

PCT FULLTEXT

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00300850

**UPDATE MECHANISM FOR COMPUTER STORAGE CONTAINER MANAGER**

**MOYEN DE MISE A JOUR POUR MODULE DE GESTION D'ELEMENTS DE STOCKAGE  
D'ORDINATEURS**

**Patent Applicant/Patent Assignee:**

- **APPLE COMPUTER INC;**

;;

	Country	Number	Kind	Date
Patent	WO	9519001	A1	19950713
Application	WO	95US196		19950104
Priorities	US	94177853		19940105

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language: English

Filing Language:

Fulltext word count: 119635

**Claims:**

...run

(i.e., whatever the sizes are for bytes, words, longs, etc.), How it is stored is a function of the metadata returned from the Metadata **Handler**, In other terms, the New Value Handler has a contract with both the Container Manager and...

16/3K/1 (Item 1 from file: 349) Links

PCT FULLTEXT

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00806383

**COLLABORATIVE CAPACITY PLANNING AND REVERSE INVENTORY MANAGEMENT DURING DEMAND AND SUPPLY PLANNING IN A NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF**

PLANIFICATION EN COLLABORATION DES CAPACITES ET GESTION ANTICIPEE DES STOCKS LORS DE LA PLANIFICATION DE L'OFFRE ET DE LA DEMANDE DANS UN ENVIRONNEMENT DE CHAINE D'APPROVISIONNEMENT FONDEE SUR LE RESEAU ET PROCEDE ASSOCIE

**Patent Applicant/Patent Assignee:**

- **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **HICKMAN Paul L(agent)**  
Oppenheimer Wolff & Donnelly LLP, 1400 Page Mill Road, Palo Alto, CA 94304; US;

	Country	Number	Kind	Date
Patent	WO	200139029	A2	20010531
Application	WO	2000US32309		20001122
Priorities	US	99444655		19991122
	US	99444886		19991122

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 157840

**Detailed Description:**

...otherwise, by actual shopping of competitors and viewing of price tags in a competitor's store or outlet, or from a customer at the point of sale who claims that a certain product can be purchased from a competitor for a certain (i.e., lower) price. "Sale" prices...

18/3K/1 (Item 1 from file: 348) [Links](#)

**EUROPEAN PATENTS**

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00499287

**METHOD AND SYSTEM FOR REMOTE DELIVERY OF RETAIL BANKING SERVICES**

VERFAHREN UND SYSTEM ZUR FERNVERTEILUNG FUR DEN KLEINHANDELBANKVERKEHR

PROCEDE ET SYSTEME DE PRESTATION A DISTANCE DE SERVICES BANCAIRES DE DETAIL

**Patent Assignee:**

- **ONLINE RESOURCES & COMMUNICATIONS CORPORATION**; (1387560)  
1313 Dolly Madison Boulevard, Suite 300; McLean, VA 22101; (US)  
(applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

**Inventor:**

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1211 Summit Road; McLean, VA 22101; (US)

**Legal Representative:**

- **Kenrick, Mark Lloyd (142311)**  
Marks & Clerk, Sussex House, 83-85 Mosley Street; Manchester M2 3LG; (GB)

	Country	Number	Kind	Date	
Patent	EP	504287	A1	19920923	(Basic)
	EP	504287	A1	19931222	
	EP	504287	B1	19990721	
	WO	9109370		19910627	
Application	EP	91901390		19901210	
	WO	90US7153		19901210	
Priorities	US	448170		19891208	

**Designated States:**

AT; BE; CH; DE; DK; ES; FR; GB; GR; IT;  
LI; LU; NL; SE;

**International Patent Class (V7):** G06F-017/60; G07F-007/10; H04M-017/02;

**NOTE:** No A-document published by EPO

Type	Pub. Date	Kind	Text
------	-----------	------	------

Publication:English

Procedural: English

Application:English

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	9929	2662
CLAIMS B	(German)	9929	2704
CLAIMS B	(French)	9929	3257
SPEC B	(English)	9929	28351
Total Word Count (Document A) 0			
Total Word Count (Document B) 36974			
Total Word Count (All Documents) 36974			

**Specification:** ...to his account.

POS credits are also possible using standard ATM network messages. If a **customer returns merchandise** to a **retailer** that was paid for using a **POS** debit, the retailer may initiate a **POS** credit transaction (essentially the same as a POS...



18/3K/2 (Item 1 from file:349) [Links](#)

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01385907

**RFID TAG WITH VISUAL ENVIRONMENTAL CONDITION MONITOR**

ETIQUETTE RFID MUNIE D'UN INDICATEUR VISUEL D'EXPOSITION AUX CONDITIONS ENVIRONNEMENTALES

**Patent Applicant/Patent Assignee:**

- **TEMPTIME CORPORATION**; 116 American Road, Morris Plains, NJ 07950  
US; US (Residence); US (Nationality)  
(For all designated states except: US)
- **MARTIN Jean-paul**; 116 American Road, Morris Plains, NJ 07950  
US; US (Residence); FR (Nationality)
- **GRABINER Frederick R**; 116 American Road, Morris Plains, NJ 07950  
US; US (Residence); US (Nationality)

**Patent Applicant/Inventor:**

- **MARTIN Jean-paul**  
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- **GRABINER Frederick R**  
116 American Road, Morris Plains, NJ 07950; US; US (Residence); US (Nationality);

**Legal Representative:**

- **PITT Roger(agent)**  
Kirkpatrick & Lockhart Nicholson Graham LLP, 599 Lexington Avenue, New York, NY 10022-6030; US;

	Country	Number	Kind	Date
Patent	WO	200668999	A2-A3	20060629
Application	WO	2005US45945		20051216
Priorities	US	200417534		20041220

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;  
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;

SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 9732

**Detailed Description:**

...management determinations to be made as to the causes of condition exposure irregularities.

- 14 Substandard **items** detected by inspection **station** 40b at the warehouse **receiving** location can be **returned** to supplier 60, expedited to a **point** of sale and discounted, or otherwise handled in a different manner from satisfactory items.

Substandard items detected...

18/3K/3 (Item 2 from file:349) [Links](#)

PCT FULLTEXT

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01357270

**CONSISTENT SET OF INTERFACES DERIVED FROM A BUSINESS OBJECT MODEL**  
**ENSEMBLE COHERENT D'INTERFACES DERIVEES D'UN MODELE D'OBJET COMMERCIAL**

**Patent Applicant/Patent Assignee:**

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DE; DE (Residence); DE (Nationality)  
(For all designated states except: US)
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DE; DE (Residence); DE (Nationality)  
(Designated for all)
- **ADELMANN Stefan**; Tannhaeusering 104, 68199 Mannheim  
DE; DE (Residence); DE (Nationality)  
(Designated for all)
- **ALVAREZ Gabriel**; Heinrich-boell-strasse 23, 68766 Hockenheim  
DE; DE (Residence); US (Nationality)  
(Designated for all)
- **BOCK Daniel**; Fritz-Frey-Str. 5, 69121 Heidelberg  
DE; DE (Residence); DE (Nationality)  
(Designated for all)
- **BOLD Andreas**; Hartmannstr. 28, 67063 Ludwigshafen  
DE; DE (Residence); DE (Nationality)  
(Designated for all)
- **BROSSLER Andreas**; Am Schoepfspfad 4, 69251 Gaiberg  
DE; DE (Residence); DE (Nationality)  
(Designated for all)
- **BUCHMANN Daniel**; Reetzstr. 19, 76327 Pfinztal  
DE; DE (Residence); DE (Nationality)  
(Designated for all)
- **COLLE Renzo**; Oppelner Str. 2, 76437 Rastatt  
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(Designated for all)
- **DOERNER Robert**; Dieselstr. 1, 63071 Offenbach  
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(Designated for all)
- **ELFNER Stefan**; Amselgasse 6, 69121 Heidelberg  
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(Designated for all)
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- Nebeniusstrasse 33, 76137 Karlsruhe; DE; DE (Residence); DE (Nationality); (Designated for all)
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  - **WINKEL Rudolf**  
Heidelberger Str. 95, 69190 Walldorf; DE; DE (Residence); DE (Nationality); (Designated for all)
  - **YU Tao**  
Carl-Spitzwegstrasse 9A, 69190 Walldorf; DE; DE (Residence); CN (Nationality); (Designated for all)
  - **ZACHMANN Jens**  
Dudenhofer Strasse 4, 67346 Speyer; DE; DE (Residence) DE (Nationality); (Designated for all)
  - **ZADRO Renato**  
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  - **ZIMMERMANN Theo**  
Adolph-Pfisterer-Strasse 31, 69168 Wiesloch; DE; DE (Residence); DE(Nationality); (Designated for all)
  - **MAAG Thomas**  
68799 Reilingen; DE; DE (Residence); --(Nationality); (Designated for all)
  - **GROSSMANN Toralf**  
69168 Wiesloch; DE; DE (Residence); -- (Nationality)(Designated for all)
  - **ZOELLER Michael**  
69231 Rauenberg; DE; DE (Residence); -- (Nationality) (Designated for all)

**Legal Representative:**

- **FISH & RICHARDSON PC(agent)**  
P.O. Box 1022, Minneapolis, MN 55440-1022; US;

	Country	Number	Kind	Date
Patent	WO	200638924	A2-A3	20060413
Application	WO	2005US21481		20050617
PrioritiesUS		2004581252		20040618
	US	2004582949		20040625
	US	2005656598		20050225
	US	2005669310		20050407
	US	2005145464		20050603
	WO	2005US19961		20050603

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KP; KR; KZ; LC; LK;  
LR; LS; LT; LU; LV; MA; MD; MG; MK; MN;  
MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG;

18/3K/4 (Item 3 from file:349) [Links](#)

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01090145

**COMPUTER NETWORK-IMPLEMENTED AFFINITY PROGRAM**

**PROGRAMME D'AFFINITE MIS EN OEUVRE DANS UN RESEAU D'ORDINATEURS**

**Patent Applicant/Inventor:**

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3382 Saxony Glen, Marietta, Georgia 30066; US; US(Residence); US(Nationality);
- **TADLEY Darell**  
15645 North 35th Avenue, Ap. 308, Phoenix, Arizona 85053; US; US(Residence); US(Nationality);

**Legal Representative:**

- **GREENWALD John W(agent)**  
Gardner Groff, P.C., Paper Mill Village, Building 23, Suite 300, 600 Village Trace, Marietta, GA 30067; US;

	Country	Number	Kind	Date
Patent	WO	200412125	A1	20040205
Application	WO	2003US23790		20030730
Priorities	US	2002399992		20020730

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language English

Filing Language: English

Fulltext word count: 14739

**Detailed Description:**

...item from a merchant, the merchant debits the participant's account through the merchant's **point-of-sale (POS) terminal**. And when a **participant returns an item to a merchant**, the **merchant** credits the participant's account

18/3K/5 (Item 4 from file:349) [Links](#)

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00192022

**METHOD AND SYSTEM FOR REMOTE DELIVERY OF RETAIL BANKING SERVICES**

**PROCEDE ET SYSTEME DE PRESTATION A DISTANCE DE SERVICES BANCAIRES DE DETAIL**

**Patent Applicant/Patent Assignee:**

- **ONLINE RESOURCES & COMMUNICATIONS CORPORATION;**

;;

- **LAWLOR Matthew P;**

;;

- **CARMODY Timothy E;**

;;

	Country	Number	Kind	Date
Patent	WO	9109370	A1	19910627
Application	WO	90US7153		19901210
Priorities	US	89170		19891208

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

Publication Language:English

Filing Language:

Fulltext word count: 35081

**Detailed Description:**

...to his

account.

POS credits are also possible using standard ATM network messages. If a **customer returns merchandise** to a **retailer** that was paid for using a **POS** debit, the retailer may initiate a POS credit transaction (essentially the same as a POS...

/3,k/all

24/3K/1 (Item 1 from file: 348) **Links**

EUROPEAN PATENTS

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00918203

**Retrieval of image information from an image server via an interfacing device to a communication terminal, wherein user guidance is based on control information stored in the image server**

Auszug von Bildinformation aus einer Bilddatenbank über ein Zwischengerät an ein Kommunikationsendgerät, wobei die Bedienerführung auf in der Bilddatenbank gespeicherter Steuerinformation beruht

Recouvrement de données d'image à partir d'une base de données d'image et un dispositif entreface vers un terminal de communication, avec guidage d'utilisateur basé sur de l'information de contrôle stockée dans la base de données d'image

**Patent Assignee:**

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(Proprietor designated states: all)

**Inventor:**

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- **Sasaki, Tsutomu**  
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- **Kajii, Ken**  
1B509, 9-2-12, Sugita, Isogo-ku; Yokohama-shi, Kanagawa-ken; (JP)
- **Sonehara, Noboru**  
NTT Shataku 304, 5-2-1, Shinjuku; Zushi-shi, Kanagawa-ken; (JP)

**Legal Representative:**

- **Dealtry, Brian et al (42911)**  
Eric Potter Clarkson, Park View House, 58 The Ropewalk; Nottingham NG1 5DD; (GB)

	Country	Number	Kind	Date	
Patent	EP	837597	A2	19980422	(Basic)
	EP	837597	A3	19991229	
	EP	837597	B1	20040630	
Application	EP	97308199		19971016	
Priorities	JP	96277732		19961021	
	JP	96289676		19961031	
	JP	96330961		19961211	
	JP	96330962		19961211	
	JP	96330963		19961211	

	JP	9746173		19970228	
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**Designated States:**

DE; GB;

**International Patent Class (V7):** H04N-001/327**Abstract Word Count:** 20275

**NOTE:** 1

**NOTE:** Figure number on first page: 1

Type	Pub. Date	Kind	Text
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Publication: English

Procedural: English

Application: English

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200427	2618
CLAIMS B	(German)	200427	2009
CLAIMS B	(French)	200427	3244
SPEC B	(English)	200427	16730
Total Word Count (Document A) 0			
Total Word Count (Document B) 24601			
Total Word Count (All Documents) 24601			

**Specification:** ...a facsimile terminal. On the image data output to the facsimile, a number for taking out the data is assigned to a link point on a home page. Therefore, users can obtain the image data of the HTML file on the Internet by...



24/3K/2 (Item 1 from file:349) [Links](#)

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01156721

## TRANSACTION PROCESSING

## TRAITEMENT DE TRANSACTIONS

### Patent Applicant/Patent Assignee:

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IE; IE(Residence); IE(Nationality)  
(For all designated states except: US)
- **GUILFOYLE Kieron**; Rockfield, Church Road, Killiney, County Dublin  
IE; IE(Residence); IE(Nationality)  
(Designated only for: US)

### Patent Applicant/Inventor:

- **GUILFOYLE Kieron**  
Rockfield, Church Road, Killiney, County Dublin; IE; IE(Residence); IE(Nationality); (Designated only for: US)

### Legal Representative:

- **O'BRIEN John A(et al)(agent)**  
John A. O'Brien & Associates, Third Floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin;  
IE;

	Country	Number	Kind	Date
Patent	WO	200479609	A1	20040916
Application	WO	2004IE32		20040308
Priorities	IE	2003165		20030307

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;

PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; SD; SL; SZ;  
TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 4974

**Detailed Description:**

...transmitting a voucher request message to the remote host, and the host responding with a **request** response; and the **point-of- sale terminal** outputting voucher data in **return** for **receiving** payment by the customer, if the host response is positive.

In one embodiment, the host...

**Claims:**

...a voucher request message to the remote host (10), and the host responding with a **request** response; and the **point-of- sale terminal** outputting voucher data in **return** for **receiving** payment by the customer, if the host response is positive.

2 A method as claimed..

24/3K/3 (Item 2 from file:349) [Links](#)

PCT FULLTEXT

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01111241

**TRANSACTION SYSTEMS**

**SYSTEMES POUR TRANSACTIONS**

**Patent Applicant/Inventor:**

- **LAWMAN Matthew**

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**Legal Representative:**

- **LAWMAN Matthew(agent)**

14 Devonshire Buildings, Bath BA2 4SP; GB

	Country	Number	Kind	Date
Patent	WO	200434344	A1	20040422
Application	WO	2003GB4357		20031008
Priorities	GB	200223277		20021008
	GB	200227490		20021126

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 13456

**Detailed Description:**

...on his remote display device 105.

When the operator sees the total displayed by the **POS terminal 100**, he **returns** to the **customer** and **asks** for payment for the six drinks. As the operator walks away from the POS terminal...

24/3K/4 (Item 3 from file:349) [Links](#)

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00934930

**METHOD AND SYSTEM FOR ELECTRONIC COMMERCE USING A MOBILE COMMUNICATION SYSTEM**

PROCEDE ET SYSTEME DESTINES AU COMMERCE ELECTRONIQUE UTILISANT UN SYSTEME DE COMMUNICATION MOBILE

**Patent Applicant/Patent Assignee:**

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**Legal Representative:**

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Kilpatrick Stockton LLP, 607 Fourteenth St., N.W., Suite 900, Washington, DC 20005; US;

	Country	Number	Kind	Date
Patent	WO	200269085	A2-A3	20020906
Application	WO	2002US4961		20020221
Priorities	US	2001270340		20010221

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 6456

**Detailed Description:**

...for electronic commerce comprising: a transaction card associated with a consumer wherein the transaction card

exchanges data with a **receiving** terminal, e.g., a vending machine, **point-of- sale terminal**; a "**contact-less**" integrated circuit within the transaction card; and an antenna embedded within the transaction card...

24/3K/5 (Item 4 from file:349) [Links](#)

PCT FULLTEXT

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00806382

**METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE**

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

**Patent Applicant/Patent Assignee:**

- **ACCENTURE LLP**; 1661 Page Mill Road, Palo Alto, CA 94304  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **HICKMAN Paul L(et al)(agent)**  
Oppenheimer Wolff & DonnellyLLP, 1400 Page Mill Road, Palo Alto, CA 94304; US;

	Country	Number	Kind	Date
Patent	WO	200139028	A2	20010531
Application	WO	2000US32308		20001122
Priorities	US	99444773		19991122
	US	99444798		19991122

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 170977

### **Detailed Description:**

...world. In addition, there are a wide variety of business processes that dictate how a **Point of Sale (POS) terminal** queries a user for data and subsequently displays the data. Also, various vertical market segments, such...



24/3K/6 (Item 5 from file:349) [Links](#)

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00781825

**SYSTEM OF REUSABLE SOFTWARE PARTS AND METHODS OF USE**

**SYSTEME D'UNITES LOGICIELLES REUTILISABLES ET PROCEDES D'UTILISATION**

**Patent Applicant/Patent Assignee:**

- **Z-FORCE CORPORATION**; 151 Kalmus Drive, Suite B-250, Costa Mesa, CA 92626  
US; US(Residence); US(Nationality)

**Legal Representative:**

- **TACHNER Adam H(et al)(agent)**  
Crosby, Heafey, Roach & May, Suite 2000, Two Embarcadero Center, San Francisco, CA 94111; US;

	Country	Number	Kind	Date
Patent	WO	200114959	A2-A3	20010301
Application	WO	2000US22694		20000816
Priorities	US	99149371		19990816
	US	99149624		19990816

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

[EP] AT; BE; CH; CY; DE; DK; ES; FI; FR; GB;  
GR; IE; IT; LU; MC; NL; PT; SE;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML;  
MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

Publication Language: English

Filing Language: English

Fulltext word count: 182432

**Detailed Description:**

...means for changing the set of the contained objects programmatically;  
means for establishing a separate connection between a connection point

? show files

[File 2] **INSPEC 1898-2007/Jun W4**

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[File 35] **Dissertation Abs Online 1861-2007/Jun**

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[File 65] **Inside Conferences 1993-2007/Jul 13**

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[File 99] **Wilson Appl. Sci & Tech Abs 1983-2007/Jun**

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[File 256] **TecInfoSource 82-2007/Jul**

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[File 474] **New York Times Abs 1969-2007/Jul 13**

(c) 2007 The New York Times. All rights reserved.

[File 475] **Wall Street Journal Abs 1973-2007/Jul 13**

(c) 2007 The New York Times. All rights reserved.

[File 583] **Gale Group Globalbase(TM) 1986-2002/Dec 13**

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*\*File 583: This file is no longer updating as of 12-13-2002.*

[File 23] **CSA Technology Research Database 1963-2007/Jul**

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[File 56] **Computer and Information Systems Abstracts 1966-2007/Jul**

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; d s

Set	Items	Description
S1	10916	S (RECIPIENT? ? OR USER? ? OR OWNER?? OR RECEIV??? OR CONSUMER? ? OR CUSTOMER? ? OR PARTICIPANT? ? OR PATRON? ? OR SHOPPER? ? OR BUYER? ? OR PROCURER? ?) (3N) ((RETURN??? OR (PUT OR PUTS OR PUTTING OR GIV??? OR HAND??? OR SEND??? OR TAK??? OR BRING??? OR BROUGHT) () (IN OR BACK)) OR EXCHANG???)
S2	124068	S (MERCHANDI? OR GOODS OR WARES OR ITEM? ? OR PRODUCT? ? OR ARTICLE? ? OR THING? ? OR OBJECT? ? OR COMMODIT???) (5N) (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ? OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ? OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE? ?)
S3	3501	S S2 (7N) (CHAIN OR NATIONAL OR REGIONAL OR LOCAL OR INTERNATIONAL)
S4	213866	S (WAREHOUSE? OR DEPOT? OR SITE? ? OR STATION? ? OR STOREHOUS? OR STORE? ?

OR SHOP? ? OR FACILIT??? OR BRANCH?? OR SUPPLIER? OR RETAILER? OR MERCHANT? ? OR DEALER? ?  
OR VEND?R? ? OR PROVIDER? ? OR PLANT? ? OR WHOLESALER? ? OR SUPPLIER? ? OR FRANCHISE?  
?) (7N) (SEPARATE? ? OR DIFFERENT OR OTHER OR ANOTHER OR SECOND OR 2ND OR DISCRETE OR  
DISTINCT OR APART)

S5 204166 S (REQUEST??? OR DEMAND??? OR ASK??? OR QUERY??? OR QUERIES OR INQUIR???  
OR LINK??? OR CONTACT??? OR COMMUNICAT??? OR CONNECT? OR TRANSMIT?) (7N) (COMPUTER? ? OR  
MINICOMPUTER? ? OR LAPTOP? ? OR SERVER? ? OR CLIENT? ? OR PROCESSOR? ? OR  
MICRO()PROCESSOR? ? OR TERMINAL? ?)

S6 14043 S POINT(3N) (SALE? ? OR TERMINAL? ?) OR POS

S7 26682 S S6 OR (CASH()REGISTER? ? OR ECR OR CASHREGISTER? ? OR EPOS OR  
POINT(2W) (SERVICE OR SERVICE OR PURCHASE) OR (CHECKOUT OR CHECK()OUT) () (TERMINAL? ? OR  
COMPUTER? ? OR STATION? ?))

S8 169464 S (CLOS??? OR STOP? OR END? OR TERMINAT? OR QUIT? OR CANCEL??? OR ABORT???  
OR HALT??? OR CORRECT??? OR CLEAR??? OR BALANC???) (7N) (COMMAND? ? OR INSTRUCTION? ? OR  
SPECS OR SPECIFICATIONS OR DIRECTIONS OR PROCEDURE? ? OR DIRECTIVE? ? OR PROCESS?? OR PLAN  
OR PLANS OR GUIDELINE? ?)

S9 4456 S S8(7N) (SUBMITTING OR SUBMIT OR SEND OR SENDING OR TRANSFER OR  
TRANSFERRING OR FORWARD OR FORWARDING OR PASS??? OR TRANSMIT OR TRANSMITTING OR  
COMMUNICAT??? OR EXCHANG???)

S10 30 S AU=(ENOKI S? OR ENOKI, S? OR ENOKI(2N)S? OR MAKIYA, J? OR MAKIYA J? OR  
MAKIYA(2N)J?)

S11 0 S S10 AND S1

S12 281 S S1 AND S2

S13 4 S S12 AND S7

S14 4 RD (unique items)

S15 18 S S12 AND S3

S16 17 RD (unique items)

S17 15 S S16 NOT S14

S18 38 S S12 AND (S4:S5)

S19 0 S S18 AND S9

S20 0 S S18 AND S8

S21 32 S S1 AND S7

S22 31 RD (unique items)

S23 2 S S22 AND S4

S24 1 S S23 NOT (S17 OR S14)

S25 2 S S22 AND S5

S26 1 S S25 NOT (S24 OR S17 OR S14)

S27 0 S S22 AND S9

S28 21 S S22 NOT PY>2000

S29 17 S S28 NOT (S26 OR S24 OR S17 OR S14)

14/3,K/1 (Item 1 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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05073942

**Title:** Department stores enter electronic age (checkouts)

**Journal:** Chain Store Age Executive vol.67, no.12, pt.3 p. 23

**Publication Date:** Dec. 1991 **Country of Publication:** USA

**CODEN:** COMLEF **ISSN:** 0193-1199

**Language:** English

**Subfile:** D

**Abstract:** ...which a sales associate can turn around toward the customer. Sales associates can now locate items in any store in the chain, provide instant credit on customer returns and capture customer names and addresses for promotions and mailings. Other functions include data collect, price lookup, scanning..

**Descriptors:** point of sale systems...

14/3,K/2 (Item 2 from file:2) **Links**

Fulltext available through: **USPTO Full Text Retrieval Options**

INSPEC

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05057257

**Title:** Saks makes a 'simple' choice: openness of platform deemed a plus

**Journal:** Chain Store Age Executive vol.67, no.11, pt.1 p. 104, 106

**Publication Date:** Nov. 1991 **Country of Publication:** USA

**CODEN:** COMLEF **ISSN:** 0193-1199

**Language:** English

**Subfile:** D

**Abstract:** ...a customer-were what convinced Saks Fifth Avenue to award a major contract for new **point-of-sale terminals** to Siemens Nixdorf Information Systems, Burlington, Mass. Saks, the 50-unit specialty department store chain... Model 10 registers. Among other things, the new registers will enable sales associates to locate **items** in any store in the chain, provide instant credit on **customer returns**, and capture **customer** names and addresses for promotions and mailings.

**Descriptors:** point of sale systems...

**Identifiers:** ...**point-of-sale terminals**;

14/3,K/3 (Item 3 from file:2) [Links](#)

Fulltext available through: [custom link](#) [USPTO Full Text Retrieval Options](#)  
INSPEC

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03332604 **INSPEC Abstract Number:** D84002834

**Title:** Supermarkets target customers, create loyal, steady shoppers

**Author** Raphel, M.

**Journal:** Direct Marketing vol.47, no.5 p. 74-9

**Publication Date:** Sept. 1984 **Country of Publication:** USA

**CODEN:** DIMADI **ISSN:** 0012-3188

**Language:** English

**Subfile:** D

**Abstract:** ...mail successes are 'the list' and 'the offer'. Supermarkets have 'the offer' built-in. The merchandise in the store. Selection can increase, prices decrease, but the special features that make them different remain the... ..can collect names from contest entries from sign-up sheets or check-cashing applications or point-of-sale. And, point-of-sale is not necessarily cash-in-the-register which does not give you names. But, there... ..Transfer (EFT) systems can be adapted by retailers to find out their best customers, which customers are not returning, which customers are buying what merchandise. It's the next step after scanning that tells you what...

**Descriptors:** ...point of sale systems

**Identifiers:** ...point-of-sale;

14/3,K/4 (Item 1 from file:583) [Links](#)

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03880108

**Shopping won't be the same again**

**UK - PoS SYSTEMS BENEFIT SMALL LOCAL SHOPS**

Computer Weekly ( CRW ) 29 November 1990 p32

ISSN: 0010-4787

**UK - PoS SYSTEMS BENEFIT SMALL LOCAL SHOPS**

The value of the installed **PoS** till base was GBP405 mil at end 1989, with a potential market of GBP2k. The technology benefits small stores, as the systems can give information of fast selling **products** and assist **store owners** to **receive maximum return** for storage space. Franchise holders in the Spar and VG groups have access to the...  
...Foods (Coventry, UK) wholesaler to Spar and VG. AF Connect is made up of ICL **PoS** terminals which use Scanmanager, ICL's back office software and AF's own software for...

**Product: Electronic Point of Sale Systems**

? t. /3,k/all

17/3,K/1 (Item 1 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

INSPEC

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10411065

**Title:** Nonlinear goal programming models quantifying the bullwhip effect in supply chain based on ARIMA parameters

**Author** Chabchoub, H.; Dhahri, I.

**Author Affiliation:** Inst. Supérieur de Gestion Industrielle de Sfax, Tunisia

**Journal:** European Journal of Operational Research vol.177, no.3 p. 1800-10

**Publisher:** Elsevier ,

**Publication Date:** 16 March 2007 **Country of Publication:** Netherlands

**CODEN:** EJORDT **ISSN:** 0377-2217

**SICI:** 0377-2217(20070316)177:3L:1800:NGPM;1-B

**Material Identity Number:** E272-2006-019

**Language:** English

**Subfile:** C

Copyright 2007, The Institution of Engineering and Technology.

**Abstract:** ...of competitive advantage. The supply chain has essentially served as a link between customers and products, producers and suppliers. The generation of the new supply chain (SC) should be evolutionary, and should be adjusted quickly to the rise or the decrease... effect in two respects-namely increase of the stock level and reduction of the service given back to customers. The solution that we propose to the bullwhip rests on, firstly the use of the...



17/3,K/2 (Item 2 from file:2) [Links](#)

Fulltext available through: USPTO Full Text Retrieval Options

INSPEC

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06831234 **INSPEC Abstract Number:** B9803-6220B-004

**Title:** OTIAN/sup R/-optical telecommunications infrastructure for the access network

**Author** Miller, J.

**Author Affiliation:** Dept. of Networks & Syst., British Telecom London, UK

**Journal:** British Telecommunications Engineering vol.16, pt.3 p. 201-6

**Publisher:** Instn. British Telecommun. Eng ,

**Publication Date:** Oct. 1997 **Country of Publication:** UK

**CODEN:** BTEND4 **ISSN:** 0262-401X

**SICI:** 0262-401X(199710)16:3L:201:OOTI;1-C

**Material Identity Number:** C593-97007

**Language:** English

**Subfile:** B

Copyright 1998, IEE

**Abstract:** This article describes BT's external optical **plant** designed for introduction into **the local** access network for provision between **exchanges** and **customers**.

17/3,K/3 (Item 3 from file:2) [Links](#)

Fulltext available through: USPTO Full Text Retrieval Options

INSPEC

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05820874 **INSPEC Abstract Number:** B9412-6250F-109

**Title:** UMTS integrated with B-ISDN

**Author** Norp, T.; Roovers, A.J.M.

**Author Affiliation:** RACE II MONET Project, PTT Res., Netherlands

**Journal:** IEEE Communications Magazine vol.32, no.11 p. 60-5

**Publication Date:** Nov. 1994 **Country of Publication:** USA

**CODEN:** ICOMD9 **ISSN:** 0163-6804

**U.S. Copyright Clearance Center Code:** 0163-6804/94/\$04.00

**Language:** English

**Subfile:** B

**Abstract:** ...necessary to provide mobility services to the users. In the scenario discussed in the present article, the UMTS base stations are connected to a B-ISDN local exchange using the same user-network-interface (UNI) as B-ISDN fixed network terminals. Therefore, many of the aspects discussed...

17/3,K/4 (Item 1 from file:35) [Links](#)

Dissertation Abs Online

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01829865 ORDER NO: AADAA-I3012172

**Consumers' channel preferences: An integrated model**

**Author:** Noble, Stephanie M.

**Degree:** Ph.D.

**Year:** 2001

**Corporate Source/Institution:** University of Massachusetts Amherst ( 0118 )

**Source:** Volume 6204A of Dissertations Abstracts International.

PAGE 1507 . 189 PAGES

**ISBN:** 0-493-22487-4

...consumers were mailed a 6-page survey asking for their participation. Eight-hundred and one **consumers** **returned** the completed questionnaire (40% response rate), with 754 included in subsequent analyses due to a... ..e, bricks-and-mortar, catalogs, and internet). Other factors influencing channel preferences included risk aversion, **merchandise** uniqueness motives, loyalty to **local merchants**, catalog recreation motives, and the respondent's age. Despite the large number of constructs investigated...

17/3,K/5 (Item 1 from file:474) [Links](#)

New York Times Abs

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00967142 NYT Sequence Number: 084978790114

**(Bloomingdale Brothers Inc officials indicate that department store chain will pursue more traditional merchandising program while continuing its innovative role in USretail industry. Company reportedly discerns consumer desire for return to more natural, dassic products (S).)**

New York Times , Col. 3 , Pg. 11 , Sec. 3

Sunday January 14 1979

**(Bloomingdale Brothers Inc officials indicate that department store chain will pursue more traditional merchandising program while continuing its innovative role in USretail industry. Company reportedly discerns consumer desire for return to more natural, dassic products (S).)**

**Descriptors: RETAIL STORES AND TRADE; CONSUMER BEHAVIOR; CONSUMERS AND CONSUMPTION; CONSUMERS AND CONSUMERISM; DEPARTMENT AND CHAIN STORES; DEPARTMENT STORES; MARKETING AND MERCHANDISING; MERCHANDISING**

17/3,K/6 (Item 1 from file:583) [Links](#)

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09528522

**NVE 6nsker at str6mkunder fVr lavere nettleie**

**NORWAY: NVE WANTS TO REDUCE INTERNET CHARGES**

Finansavisen ( AUN ) 18 May 2001 Online

**Language:** NORWEGIAN

...are permitted to be. If receipts exceed this profitability scale then the money will be **returned** to the **customer**. NVE maintains that it is important that the customers are conscious of how much they...

**Event:** Commodity & Service Prices

17/3,K/7 (Item 2 from file:583) **Links**

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09330953

**Onetel dZbordZ par la demande**

FRANCE: ONETEL CANNOT FACE DEMAND, SUSPENDS SERVICE

Les Echos ( LE ) 25 Jul 2000 p.13

**Language:** FRENCH

...a price of FFr 149 per month including unlimited Internet access and local dls. In return, customers must make their long distance and international calls via Onetel.

**Event:** National Government Economics

17/3,K/8 (Item 3 from file:583) [Links](#)

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09132889

**Salmonella ham scare**

UK: SAFEWAY RECALLS HAM IN SALMONELLA SCARE

Daily Telegraph ( DT ) 14 Jul 1999 p.9

**Language:** ENGLISH

...the salmonellabacteria in one batch of the ham at its plant in Milton KeynesConsumers are urged to **return the product** to their **local store** where they will be offered a full refund.

17/3,K/9 (Item 4 from file:583) [Links](#)

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09050070

**Ossia revises payment terms of Millie's deal**

SINGAPORE: ACQUISITION OF MILLIE'S BY OSSIA

Business Times ( XBA ) 27 Jan 1999 p.17

**Language:** ENGLISH

Singapore's Ossia **International**, a sporting **goods retailer**, has changed the terms of acquisition of Hong Kong's Millie's, a footwear and... 5% of Ossia's enlarged share capital, down from the previous proposed 7.9%. **In return**, Ossia will **receive** 800,000 Millie's shares, or a 80% stake, worth HK\$ 9.7 mn (S..

**Product:** Leather & Products



17/3,K/10 (Item 5 from file: 583) [Links](#)

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06157126

**Streit über deutsche Hühnerwerbung**

GERMANY: LOCAL FOOD IN HIGH DEMAND

Frankfurter Allgemeine Zeitung ( FA ) 27 May 1995 p.9-10

**Language:** GERMAN

...the UK, greenhouse vegetables with poor taste from the Netherlands and higher environmental awareness. German consumers are increasingly **returning to local agricultural products**. Foreign food **suppliers** try to "make their **products** German", partly with unpermissible advertising. Frankfurter Allgemeine reports on the dramatic changes in consumer behaviour...

17/3,K/11 (Item 6 from file:583) [Links](#)

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05874125

**L'ANNEE DU TERROIR**

FRANCE: REGIONAL PRODUCTS ARE GROWING

Produits Frais ( PRF ) Jul-Aug 1993 No11, p.14-15,18-20

**Language:** FRENCH

Pushed by the recession and **consumer's return to local products**, large **retail stores** are increasingly interested in **regional products**. Chains like Systeme U, Casino and Leclerc are showing interest in this type of product...

17/3,K/12 (Item 7 from file:583) [Links](#)

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04526099

**Importance of 'Organic' Products in Major Stores**

FRANCE - MONOPRIX LAUNCHES SECOND GREEN PRODUCT CAMPAIGN

French Technology Survey ( FTS) 0 August 1991 p5

Language: French

**Importance of 'Organic' Products in Major Stores**

Monoprix, a store chain, has launched a second 'green' product campaign in its 282 stores following the success of its first such campaign in 1990. The 32 environmentally friendly products .....as detergents without phosphates and batteries without mercury, the second campaign is promoting what the products do actually contain. Monoprix stores are offering a total of 24 new green products, including pure and natural body care... ..are involved. Monoprix is also considering the introduction, in June 1991, of a scheme whereby customers can exchange old plastic bags for bags manufactured from natural fibres such as cotton or jute.

17/3,K/13 (Item 8 from file:583) [Links](#)

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04374495

## **BLOCKBUSTER EXPERIMENTING WITH ONE-DAY VIDEO RENTALS**

US - BLOCKBUSTER EXPERIMENTING WITH ONE-DAY VIDEO RENTALS

Billboard ( BBD ) 6 July 1991 p5,74

ISSN: 0006-2510

...more heavily on selected titles in a bid to increase the amount of hit rental **product** available in its **stores**. While confirming that the **chain** is experimenting with one-day rentals, Ron Castell, Blockbuster's senior VP of programming and... financial performance. Meanwhile UI Video, a Blockbuster franchisee, has also introduced a plan to encourage **customers** to **return** new releases within 24 hours.

17/3,K/14 (Item 9 from file:583) Links

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04048239

## **BUT CONVERTS CATALOGUE TO COMPUTER-BASED SYSTEM**

FRANCE - BUT CONVERTS CATALOGUE TO COMPUTER-BASED SYSTEM

Retail Week (RWK) 11 January 1991 p12

...is converting its Product Bible its catalogue of products, to a computer-based system. **BUT International** is the cataloguing centre for **products** and **suppliers** and the **article** describes its method of maintaining contact with franchisee stores, branded with the company name. It... details filed on the head office computer. Details and benefits of the new system are **given in** the article. The **buyers'** workstations will be extended to sales personnel, who will in turn display products to customers.

17/3,K/15 (Item 10 from file: 583) [Links](#)

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01458132

## **REWE ENCOURAGES RETURN TO NEIGHBOURHOOD SHOPS**

W GERMANY - REWE ENCOURAGES RETURN TO NEIGHBOURHOOD SHOPS

Rundschau Fuer Den Lebensmittel Handel (RDE ) 0 November 1987 p28

**Language:** German

...200 sq mt, have no chance of survival in competition against large supermarkets, the Rewe **chain** is encouraging a return to neighbourhood **shops** stocking a wide variety of **goods**. The wider range and lower prices have encouraged **consumers** to **return** to neighbourhood shops, and after only one year 250 Rewe **retailers** have chosen to return...

? t /3,k/all

24/3,K/1 (Item 1 from file:99) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)

Wilson Appl. Sci & Tech Abs

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2619484 **H.W. Wilson Record Number:** BAST03120844

**Point of Purchase**

Taylor, Brian ;

Recycling Today (Cleveland, Ohio: 1992) v. 41 no2 (Feb. 2003) p. 34, 36, 38, 40

**Document Type:** Feature Article **ISSN:** 1096-6323

**Point of Purchase**

**Abstract:** ...corrugated containers (OCCs) is discussed. The endeavors of recovered fiber dealers looking for material, store owners seeking a return on their OCC material, and baler manufacturers seeking to place machines at generation points have... ...for OCC may be dropping, there is a substantial contingent of balers working at grocery stores, big box retailers, and other store locations, generating a steady stream of baled OCC, and providing a reliable supply of recovered...

? t /3,k/all

26/3,K/1 (Item 1 from file:583) Links

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09524344

**Visa exchange aims to fast-track e-commerce on IP-based system**

**UK: VISA LAUNCHES DIRECT EXCHANGE NETWORK**

Computer Weekly ( CRW ) 03 May 2001 p.4

**Language: ENGLISH**

...Direct Exchange, that is able to handle all types of electronic payments. The system uses **point-of-sale terminals** which are **linked** directly to the seller's bank via the Visa network, accelerating payment processing and also enabling **consumers to exchange** Visa payments directly. The network is expected to handle 10,000 messages per second and...



? t /3,k/all

29/3,K/1 (Item 1 from file:2) **Links**

Fulltext available through: **USPTO Full Text Retrieval Options**

INSPEC

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05964354

**Title: The latest in electronic marketing: a kiosk that exchanges unwanted coupons**

**Journal:** Chain Store Age Executive vol.71, no.5 p. 214, 216

**Publication Date:** May 1995 **Country of Publication:** USA

**CODEN:** COMLEF **ISSN:** 0193-1199

**Language:** English

**Subfile:** D

Copyright 1995, IEE

**Abstract:** A new kiosk **exchanges** coupons **consumers** don't want with ones they presumably do.

**Identifiers:** ...point of sale;

29/3,K/2 (Item 2 from file:2) **Links**

INSPEC

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04600599 **INSPEC Abstract Number:** C90028791

**Title:** The human interface to computerised banking services

**Author** Scallon, D.

**Author Affiliation:** Dept. of Psychol., Queen's Univ. of Belfast, UK

**Conference Title:** Human-Computer Interaction - INTERACT '87. Proceedings of the Second IFIP Conference p. 79-84

**Editor(s):** Bullinger, H.-J.; Shackel, B.; Kornwachs, K.

**Publisher:** North-Holland, Amsterdam, Netherlands

**Publication Date:** 1987 **Country of Publication:** Netherlands xli+1138 pp.

**ISBN:** 0 444 70304 7

**Conference Date:** 1-4 Sept. 1987 **Conference Location:** Stuttgart, West Germany

**Language:** English

**Subfile:** C

**Abstract:** ...laser card technology, screen-based and voice-based home banking, and electronic funds transfer **point of sales** (EFTPOS) systems. While current generation ATMs have already introduced many people to computer-based services... ensure firstly, that they are used at all and secondly, to ensure the maximum beneficial **returns** for both **customers** and vendors. These technologies will play a major part in introducing non-computer-users to...

**Descriptors:** ...**point of sale** systems

**Identifiers:** ...**point of sales**;

29/3,K/3 (Item 3 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
INSPEC

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04087675 **INSPEC Abstract Number:** D88000830

**Title:** Europe schedules plastic card pact

**Author** Tutt, N.

**Journal:** Banking Technology vol.5, no.1 p. 22-5

**Publication Date:** Jan. 1988 **Country of Publication:** UK

**ISSN:** 0266-0865

**Language:** English

**Subfile:** D

**Abstract:** ...holders, lays down detailed commercial, technical and legal guidelines on cooperation between banks, retailers and consumers. **Exchange** gateways for online authorisation will be established between the two major networks. The package...

**Descriptors:** ...point of sale systems

29/3,K/4 (Item 4 from file:2) Links

Fulltext available through: USPTO Full Text Retrieval Options

INSPEC

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03490991 **INSPEC Abstract Number:** D85002061

**Title:** Interlink switch to reach 650000 merchants

**Journal:** Bank Systems & Equipment vol.22, no.5 p. 56

**Publication Date:** May 1985 **Country of Publication:** USA

**CODEN:** BSEQD6 **ISSN:** 0146-0900

**Language:** English

**Subfile:** D

**Abstract:** The **point-of-sale** switch shared by the top five California banks in the Interlink networks expected to...  
...Based on a hub-and-spoke model, the Interlink switch is the intermediary in all **POS** transactions, which include preauthorisation, balance inquiries, payments and **consumer returns**. Store-forward capabilities will allow Interlink or even one of the member banks to determine...

**Descriptors:** ...point of sale systems

**Identifiers:** point-of-sale switch... ..**POS** transactions... ..**consumer returns**

29/3,K/5 (Item 5 from file:2) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#)  
INSPEC

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03111190 **INSPEC Abstract Number:** B83051184

**Title:** An integrated satellite network service

**Author** Mittal, S.; Kim, K.

**Author Affiliation:** American Satellite Co., Rockville, MD, USA

**Journal:** Telecommunications vol.17, no.6 p. 34, 36

**Publication Date:** June 1983 **Country of Publication:** USA

**CODEN:** TLCOAY **ISSN:** 0040-2494

**Language:** English

**Subfile:** B

**Abstract:** Considers the development of a special class of dedicated service called Satellite Data Exchange customer premises service. This innovation was implemented by a five-meter earth station providing 56-kbps point-to-point duplex service. Today the general services system is either an FDM, FDMA (Frequency Division Multiplex/Frequency Division...

**Identifiers:** ...Satellite Data Exchange customer premises service...

29/3,K/6 (Item 1 from file:256) [Links](#)

TecInfoSource

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00143952      **Document Type:** Review

**Product Names:** UniFi PRO (146733)

**Title:** Fifth Third's Legacy: Out with Alltel, in with Fiserv

**Author:** Solomon, Melissa

**Source:** Bank Technology News , v15 n11 p31(1) Nov 2002

ISSN: 1060-3506

**Homepage:** <http://www.banktechnews.com>

**File Segment:** Review

**Record Type:** Product Analysis

**Grade:** Product Analysis, No Rating

**Revision Date:** 20030330

...slow mortgage processing. Loan officers will have more control over all tasks and processes from **point-of-sale** to closing so they can be more flexible with customers. **Returns** will come from speed of delivery, getting to close faster, and with internal operating efficiencies...

29/3,K/7 (Item 1 from file:474) [Links](#)

New York Times Abs

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00536432 NYT Sequence Number: 103462741024

**(Jean Dubuffet painting brings record price of \$340,000 on Oct 23 at auction of impressionist and modern paintings at Sotheby Parke Bernet. Sale of paintign to london dealer Peter Matthews is high point of sale during which about 1/3 of works offered were brought back by their owners. NY dealer Klaus Perls and head of Sotheby modern paintings dept Paul Rewald comment.)**

New York Times , Col. 1 , Pg. 50

Thursday October 24 1974

**...paintings at Sotheby Parke Bernet. Sale of paintign to london dealer Peter Matthews is high point of sale during which about 1/3 of works offered were brought back by their owners. NY dealer Klaus Perls and head of Sotheby modern paintings dept Paul Rewald comment.)**

29/3,K/8 (Item 1 from file:583) [Links](#)

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09269976

**Asahi Bank to lure customers to ATMs with gifts**

JAPAN: ASAHI TO PROMOTE ATMS THROUGH PRIZES

Nikkei Net Interactive ( ATM ) 11 Apr 2000 NihonKeizai Shimbun, online

**Language:** ENGLISH

...points appeared on the cards. However, the scratch cards will only be given to individual customers who put in deposit of minimum Y 300,000 through ATMs. Trial operations will be kicked off in...

**Product:** Retail Banking Services Clearing Banks Commercial Banks Electronic Point of Sale Systems



29/3,K/9 (Item 2 from file:583) [Links](#)

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06598179

**P&G commits to long-term investment plan**

THAILAND: INVESTMENT PLAN OF P&G

The Nation ( XBO ) 10 Mar 1998 P.B2

**Language:** ENGLISH

...for Thailand in 1998, B700 mn more than 1997's allocation. The introduction of **ECR** (Efficient Consumer Response) will be emphasised by P&G. The system helps cut down on product supply chain's waste. Human resource development, bonding with Thai consumers and the **bringing in** of new technology will also be stressed by the firm in 1998. For the Asian...

29/3,K/10 (Item 3 from file:583) [Links](#)

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06462292

**Consumers returning to ATMs as Eftpos use levels out**

AUSTRALIA: MORE SWITCHING FROM EFTPOS TO ATMS

The Australian Financial Review ( AFR ) 18 Apr 1997 P.57

**Language: ENGLISH**

**Consumers returning to ATMs as Eftpos use levels out**

**...234 at end-1995 to 136,645 at end-1996. Bank executives claimed that some consumers had return to ATMs and credit cards transactions after the initial fascination with Eftpos wore off. In..**

**Product: Credit Card Services Nonbank Credit Card Firms Electronic Point of Sale Systems**

29/3,K/11 (Item 4 from file:583) [Links](#)

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06322150

**Les quatre rYgles d'or**

FRANCE: MAKING THE DEPARTMENT ATTRACTIVE

Le Monde du SurgelZ ( XOS ) May 1996 p.26-28

**Language:** FRENCH

...is to catch the customer's eye by well-thought-out merchandising, with carefully placed **POS** display, and by packaging which must be even more attractive, since they are less likely to be picked up and taken **in hand** in this department. Moreover, **consumers** want to fantasize, with enticing offers and the possibility of winning objects or voyages. However...

29/3,K/12 (Item 5 from file:583) [Links](#)

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06142296

**Guinness unveils #8m revamp of beer bottles**

IRELAND: GUINNESS INVESTS IN NEW BOTTLES

Irish Times ( IT ) 20 Apr 1995 p.14

**Language:** ENGLISH

...take-home market and, in this case, promotion or deposit will be used to encourage customers to return their bottles to the point of sale. The revamp of the bottles should enable products to be more attractive both for publicans...

29/3,K/13 (Item 6 from file:583) [Links](#)

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06080977

**CLINIQUE: TURNAROUND PEAUX SECHES**

FRANCE: CLINIQUE'S NEW TURNAROUND CREAM

Cosmetique News ( XMN ) 14 Nov 1994 p.10

**Language:** FRENCH

...FFr 240 for a 50 ml jar. The launch is backed by a campaign including **return** cards which invite **customers** to withdraw a sample packet at the beginning of January **POS** display, a press campaign starting 15 January 1995 and a radio campaign starting 24 January...

29/3,K/14 (Item 7 from file:583) [Links](#)

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05248150

**Statistics via The Exchange**

**UK - THE EXCHANGE LAUNCHES NEW STATISTICS ACCESS SERVICE**

Money Week ( MYW ) 5 August 1992 p11

...provide users with collective investment statistics. Micropal is providing the service, which will give all **Exchange** users access to performance data on the full range of Micropal-monitored investment trusts, offshore funds, pension and life funds and unit trusts. IFAs will be provided with **point of sale** material such as bar charts on their screens.\*

29/3,K/15 (Item 8 from file:583) [Links](#)

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04506024

**Move to increase cardboard recycling**

**UK - MORE CARDBOARD RECYCLING INITIATIVE LAUNCHED**

Financial Times (C) 1991 ( FT ) 10 September 1991 p6

...common ground in the European Community. From December 1991 German consumers will be able to **return** transport packaging on **consumer** goods to the **point of sale**, to be collected by the producer. In the UK about 60 per cent of transport...



# Search Report

## EIC 3600

STIC Database Tracking Number: 229251

To: MUSSA SHAAWAT

Location: KNX-5D20

Art Unit: 3627

Tuesday, July 03, 2007

Case Serial Number: 09/976153

From: CARYN WESNER-EARLY

Location: EIC3600

KNX-4B68 / KNX-4C29

Phone: (571)272-3543

caryn.wesner-early@uspto.gov

### Search Notes

If a modification or re-focus of this search is needed, please let me know.

A handwritten signature in cursive script, reading "Caryn S. Wesner-Early".

Caryn S. Wesner-Early, MSLS

ASRC Technical Information Specialist

EIC 3600, US Patent & Trademark Office

Phone: (571) 272-3543

Fax: (571) 273-0046

caryn.wesner-early@uspto.gov





87



229251  
RUSTH  
105/21  
STIC EIC 3600  
Search Request Form  
SPE  
3627  
236.3B

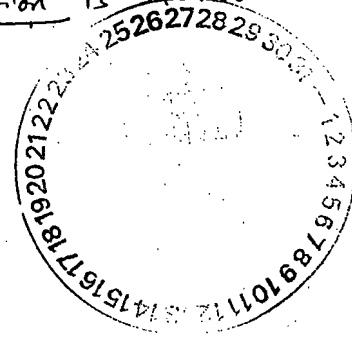
Today's Date: 6/27/2007 Class/Subclass: What date would you like to use to limit the search? Priority Date: 11/30/2000 Other:

Name: Mussa Shaawat Format for Search Results (Circle One):  
AU: 3627 Examiner #: 80354 PAPER DISK EMAIL  
Room #: 5D20 Phone: 2-2945 Where have you searched so far?  
Serial #: 09/976,153 USP DWPI EPO JPO ACM IBM TDB  
IEEE INSPEC SPI Other:

What is the topic, novelty, motivation, utility, or other specific details defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, definitions, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract, background, brief summary, pertinent claims and any citations of relevant art you have found.

Claim 1, more specifically:  
Consumer returning a merchandise to a chain store  
other than the one he initially bought it from.  
The Representative queries the store server from a POS terminal  
of return store and sends a cancel instruction to the initial  
POS<sup>terminal</sup> and the corrected transaction is stored in the return  
POS terminal.

gobf  
"  
g  
"



STIC Searcher: \_\_\_\_\_ Phone: \_\_\_\_\_  
Date picked up: \_\_\_\_\_ Date Completed: \_\_\_\_\_

